

for the last four days. This is the common complaint here in nearly all houses. The same trouble is experienced by those who have to employ workmen, who will labour one day and be absent two days drinking, and their excuse being that now they can afford to get drunk for a few pice.

If it is for a moment considered that for every 100 men who got drunk before, at least 1,000 men indulge now in this degrading evil custom, it will be seen how fearfully rapid the evil is spreading, and how difficult it will be to eradicate the vice of drunkenness once it gets a deep hold upon the weak-minded people of India. In thus pampering the vices of the people for the sake of a few extra rupees of revenue, I respectfully beg to submit that the Government is pursuing a most dangerous and a most damaging policy; for a rupee gained now will be ten rupees lost by and by, when the drink will have debauched and degraded and demoralized the mass of the people of India. As it is, I doubt if the loss is not already greater, even financially, than the apparent gain. Take the district of Monghyr for an example. If it is true that drunkenness has increased here a thousand per cent. since the outstill system was introduced, and that these men lose two days a week in work by drunkenness, will not that tell on the revenue of the district, and injure it more than the gain by letting out 500 distilleries by auction to the highest bidder? These pests of society are now met with on every highway and cross-road, both in town and country, as may be imagined from the fact that, while under the old system there were only 11 distilleries in the whole district of Monghyr, there are now about 500. These traps of temptation are set up in all public thoroughfares, and the stuff they sell being so cheap has doubtless been the means of creating a trade in drink which threatens to deluge the district with destitution and death.

No doubt the supply which now is so general and so cheap throughout the land has created a large demand which goes on increasing from day to day. This is shown by the fact that year by year higher rates are given for the licenses granted to those who distil. Though the number of these distilleries was reduced this year in Monghyr by 40 or 50, yet I hear the revenue was much higher than last year; and does not this show that the people who deal in the drink calculate upon an increased sale as they proceed? and if the trade goes on at this ratio for a few years, who can calculate the fearful consequences that this evil habit will entail on the nation at large.

As I have already trespassed too largely upon your Excellency's valuable time, I must not now add, except to respectfully beg, in the name of God, and of the best interests of the millions of India, that your Excellency will be pleased to propose some such measures as will stay, at least in some degree, the fearful wave of drunkenness which threatens to overwhelm the country over which a Christian Government rules "by the grace of God."

Apologizing for the liberty thus taken, and hoping your Excellency may be pleased to move in this important matter as soon as it may be convenient so to do.

No. 73, dated Calcutta, the 20th December 1881.

From—COLMAN MACAULAY, Esq., Officiating Secretary to the Government of Bengal,
To—The Secretary to the Government of India, Finance and Commerce Department.

I AM directed to acknowledge the receipt of Mr. Jacob's letter No. 1751, dated the 18th July last, forwarding a communication from the Reverend Thomas Evans of Monghyr, in which this gentleman makes assertions similar to those preferred by him on a previous occasion, that the outstill system had contributed greatly to the increased drunkenness among the people. The attention of this Government was at the same time drawn to two points in connection with the system, in order that enquiries might be instituted and a complete report submitted to the Government of India on the subject. The two points are—

- (1) Whether licenses were not too frequently granted at first, and whether there are not still too many outstills, especially in Monghyr;
- (2) The comparative purity of outstill liquor and liquor sold under the Government distillery system.

2. On receipt of the letter under acknowledgment, a report was called for, on the points indicated by the Government of India, from the Board of Revenue, who were also requested to obtain, through reliable agency, samples of outstill liquor as actually sold to the people in Monghyr, Bhagulpore, and one or two other districts, and to have them carefully analysed by the Chemical Examiner to Government, with the view of seeing if it was adulterated with noxious drugs.

3. Meanwhile a further communication from Mr. Evans, and two samples of country liquor procured by him, were forwarded with Mr. Jacob's letter No. 3362, dated the 5th ultimo, with a request that the samples might be analysed and a report submitted to the Government of India. The samples were accordingly sent to the Chemical Examiner, and he has now reported

the result of the analysis. A copy of his report, No. 138A, dated the 25th idem, is herewith submitted for the information of His Excellency the Governor-General in Council. Mr. Evans' information led him to believe that a bottle of liquor, costing two pice, would make two men drunk; that the liquor was adulterated with poisonous drugs; and that it caused excessive thirst, a feeling of languor, and a severe headache. Yet the Chemical Examiner's analysis shows that the bottles procured by Mr. Evans himself, and forwarded as specimens of the deleterious stuff sold as spirits, contained a slightly turbid fluid of the most harmless character, with only 10·96 and 13·43 per cent. respectively of London-proof spirit by volume, no drug, and, after removal of the alcohol, nothing that in any way disturbed the comfort of the cat subjected to its influences.

4. The report called for from the Board of Revenue, as stated in paragraph 2 of this letter, has also been received, and a copy* is herewith submitted to the Government of India. The Board also have appended to their letter an abstract of the reports from the Chemical Examiner, showing the result of analyses of outstill spirits procured from the districts of Bhagulpore, Monghyr, Gya, Nuddea, Hooghly, and Patna, and of Sudder distillery liquor from the districts of Hooghly, Nuddea, and the Sonthal Pergunnahs. It appears from the abstract that all the samples were free from poisonous adulterations, whether vegetable or mineral. Traces of copper or zinc were detected in certain samples of outstill as well as of sudder distillery liquor, but in the opinion of the Chemical Examiner this was altogether accidental, and was no doubt due to the copper or brass vessels used in the manufacture or storage of the liquor. It is observed that the percentage of London-proof spirit in the outstill liquor varied from 63·44, the highest in Nuddea, to 7·92, the lowest in Monghyr, while the strength of the distillery liquor varied from 71·40, the highest in Nuddea, to 31·79, the lowest in the Sonthal Pergunnahs. The abstract also shows the result of the analysis of two samples of spirits sent separately by the Reverend T. Evans to the Board, and it is almost the same as that reported in paragraph 3 of this letter. This analysis entirely bears out the opinion already expressed by this Government after careful enquiry in various parts of the country. Sir Ashley Eden sees no reason to disbelieve the general report that outstill liquor is more wholesome than the concentrated spirit manufactured at Sudder distilleries, and that it is only adulterated by the addition of water.

5. With reference to paragraph 3 of the letter from the Government of India, No. 1751, dated the 18th July last, I am to say that in Sir Ashley Eden's opinion the principle laid down by Mr. Money, therein quoted, is a perfectly sound one, and that it is precisely the principle on which this Government has endeavoured to act. In a few districts licenses were too freely granted at the introduction of the outstill system; but it is impossible, when a new system of any kind is introduced throughout an enormous province like Bengal, to make rules so stringent and precise, and so guard against every possible contingency, that no mistake of any sort shall occur, and it cannot be expected that every officer should act with unvarying tact and judgment. It is only when the tendencies of particular officers in dealing with a new system are discovered that it is possible to rectify their mistake and guide them with advantage in the details of their administration, and the subject has occupied the constant attention of the Lieutenant-Governor. Accordingly, in Resolution on the Excise Administration Report for 1879-80, the Lieutenant-Governor issued the following injunction: "It is very necessary that district officers should be on their guard against allowing an undue multiplication of shops at unduly low rates, and thus both reducing the price of spirits and giving unnecessary facilities for obtaining it. If, however, they exercise care in selecting the sites for shops, and stimulate a healthy competition among the bidders for licenses, there can be little doubt that, as has been the case under the fixed duty system, the revenue paid to Government, and the price charged to the public, will rise with the desire and power of the public to purchase." Notwithstanding these orders it has been found that an unduly large number of licenses had been granted in some districts in the current year. The

Lieutenant-Governor has, in his recent Resolution on the report for 1880-81, of which a copy was forwarded to the Government of India with my letter No. 63A, dated 15th ultimo, issued stringent orders on this subject, and a report has been required from the Board of Revenue regarding the grounds on which the strict injunction of Government was not attended to. At the same time Mr. Evans' statements in regard to the number of distilleries in Monghyr are altogether incorrect and misleading. He states that there were only 11 distilleries in the district under the old system, whereas there are now nearly 500. As a matter of fact the number of shops licensed to sell liquor distilled at the sudder distilleries was 300 in 1877-78 before the introduction of the outstill system. The sudder distilleries have now been abolished, and there were 487 licenses to distil and sell liquor in 1880-81, and 434 in 1881-82, while the Lieutenant-Governor has insisted on a further reduction. Mr. Evans' assertion regarding the cases of drunkenness brought in the Monghyr police court was shown, in Board's report No. 40½, dated the 18th January 1881, a copy of which was forwarded to you with my letter No. 10 of the 27th idem, not to have a shadow of foundation.

6. Sir Ashley Eden hopes that the report of the Chemical Examiner and the previous correspondence with Mr. Evans will satisfy the Government of India that the local Government has throughout given due consideration to this important subject, and has carefully watched the introduction of the system and taken early measures to check any mistakes arising from the over-zeal or want of judgment on the part of district officers. Mr. Evans, in addressing the Government of India, followed a very inconvenient and irregular course, and he has in this way secured for his sensational views a temporary currency and belief. He is, the Lieutenant-Governor fully admits, a well-meaning, earnest man, but in his zeal he has allowed himself to make statements which are inconsistent with ascertained facts, and are calculated to mislead the Government on a most material point.

No. 138A, dated Calcutta, the 25th October 1881.

From—C. J. H. WARDEN, Esq., Chemical Examiner to Government,

To—The Offg. Assistant Secretary to the Government of Bengal, Financial Dept.

I HAVE the honour to acknowledge receipt of your letter No. 58 (Excise), dated the 14th October 1881, forwarding two bottles of country liquor for examination, and in reply beg to report as follows.

The bottles were sealed, and had the following labels attached:—

No. 1.—“Specimen of native spirits taken from quart bottle No. 1, purchased by Nathoo Mistree for a fraction under half an anna at Panchgachya Distillery, Monghyr, on the 13th September 1881, and sent for analysis by Rev. T. Evans.”

No. 2.—“Specimen of native spirits taken from quart bottle No. 2, bought by press-cooly named Mosahib for a fraction over half anna at Beebychack Distillery, Monghyr, on the 13th September 1881, and sent for analysis by Rev. T. Evans.”

The bottles contained 112 C.C. each of slightly turbid fluid, acid in reaction, and which had the characteristic odour of mahwa spirits.

The contents of No. 1 bottle yielded on distillation 10.96, and No. 2 bottle 13.43, per cent. of London proof spirit by volume.

Copper, and the active principles of dhatura, nux-vomica, and aconite were especially sought for, but with negative results. The solid residue left after removal of alcohol from 200 C.C. of the mixed liquors was injected into a cat's stomach without causing any symptoms. The amount of spirit received was too small to admit of a more extended examination.

Regarding the question of adulteration of country liquor, poisonous drugs, *e.g.* nux-vomica, dhatura, &c., are sometimes used in the manufacture; but as far as I have been able to ascertain the admixture is made either *during the fermentation of the mahwa or during the distillation of the liquor*. With some exceptions, the active principles of poisonous vegetable drugs are non-volatile at the temperature of boiling water, and the active principles of nux-vomica, dhatura, aconite, &c., belong to this class; the result being that, although these drugs may be added to the contents of a still during distillation, yet the distilled liquor will be found harmless.

Obviously, the addition of dhatura, &c., to liquor after it has been distilled would render it poisonous.

I believe the only adulterant purposely added to country liquor is *water*.

Abstract of Reports from the Chemical Examiner to Government, showing the results of analysis of Country Spirits sent to him for analysis.

District from which obtained.	Label on bottle.	Specific gravity of distillation at 15°C.	Percentage of London-proof spirit by measure.	REMARKS.
Gya	Liquor from shop of Tazali, Gya, price 1½ annas per bottle, from ½ maund of raw material, consisting of 18½ seers of mowah and ½ seer of molasses, &c., &c.	9817	25.66	All the samples seem to be free from poisonous vegetable drugs, but traces of copper and also of zinc were detected in all four samples. The presence of these metals is no doubt accidental, and due very probably to the copper or brass vessels used in the manufacture or storage of the liquor. All the samples were acid in reaction. The samples contained traces of common salt, the amount being most marked in sample No. 3, but the quantity present was not greater than that which is usually found in well water. The Chemical Examiner is of opinion that the presence of salt is to be accounted for by the liquors having been diluted with water after distillation. All the liquors had the characteristic odour of mowah spirits.
	Liquor from shop of Tazali, Gya, price 3 pice, from 18½ seers mowah and ½ seer molasses, &c.	9883	15.03	
Nuddea	Tekari road	9901	12.40	No poisonous vegetable drugs or metals present. The liquor is of good quality.
	Mohar road	9893	13.59	
Sonthal Per-gunnahs	Outstill liquor from Ranaghat, Nuddea.	9577	63.44	Traces of copper present. No poisonous vegetable drugs.
Nuddea	Article advised in Deputy Commissioner's No. 370E of 25th August 1881. (This was the distillery liquor as sold to the public.)	9781	31.79	No copper nor poisonous vegetable drug.
	Sudder distillery liquor from Ranaghat, Nuddea.	9516	71.40	
Patna	Outstill liquor, price 4 annas per bottle.	9759	35.62	Sample A had a red colour, due to either a dirty bottle having been used, or to the presence of a trace of some foreign colouring matter, e.g. sandalwood. No poisonous vegetable drugs were detected in the samples. Samples Nos. 2 and 3 contained salt, due most likely to the liquors having been diluted with well water after distillation.
	Outstill liquor, price 2 annas per bottle.	9919	10.01	
	Outstill liquor, price 1 anna per bottle.	9819	25.34	
Hooghly	Distillery liquor received from a retail shop, Hooghly, No. 1E.	9638	55.33	No poisonous drugs or metals were detected in the samples.
	Outstill liquor, Hooghly, No. 2E.	9904	12.05	
Bhagulpore	Bought from Monsur-gunge, price 1 anna (12th September 1881).	9895	13.30	No poisonous drugs or metals.
	Purchased from Joysur's shop, price 4 annas (12th September 1881).	9831	23.27	
Monghyr	None; pint bottles	9935	7.92	No poisonous vegetable drugs or metals.
	None; quart do.	9929	8.68	
Monghyr, sent by the Rev. T. Evans.	Specimen of native spirits taken from quart bottle No. 1, purchased by Nathoo Mistree for a fraction under half an anna at Panchgachya distillery, Monghyr, on the 13th September 1881, and sent for analysis by Revd. T. Evans.	9908	11.51	No poisonous drugs or metals were detected. The amount sent was, however, very small, the bottles containing only 120c.c. each.
	Specimen of native spirits taken from quart bottle No. 2, bought by press-cooly named Mesahib for a fraction over half an anna, Beebychuck distillery, Monghyr, on the 13th September 1881, and sent for analysis by the Revd. T. Evans.	9896	13.15	

No. 322, dated Calcutta, the 17th January 1882.

From—R. LOGAN, Esq., Offg. Under-Secy. to the Govt. of India, Department of Finance and Commerce,

To—The Secretary to the Government of Bengal, Financial Department.

I AM directed to acknowledge the receipt of your letter No. 73, dated 20th December 1881, communicating the remarks of His Honor the Lieutenant-Governor on certain representations made by the Revd. Thomas Evans of Monghyr regarding the outstill system at present in force in Lower Bengal.

2. Mr. Evans' representations are directed chiefly to two points—

- (1) That since the introduction of the outstill system there has been an alarming increase of drinking and drunkenness among all classes of the population.
- (2) That the bulk of the country liquor sold by retail vendors is largely drugged.

Mr. Evans further stated that he had been informed by natives who drink liquor that *nux pomica* and *dhatara* are extensively used by native distillers for purposes of adulteration.

In support of his allegations Mr. Evans forwarded two bottles containing samples of country liquor procured at his request in the Monghyr district, and he requested that the liquor might be analysed.

3. In compliance with Mr. Evans' request, the two bottles of country liquor were forwarded for analysis to the Chemical Examiner to Government.

4. The Governor-General in Council is glad to learn, from your letter under acknowledgment, that this liquor has proved on analysis to be perfectly free from any admixture or adulteration with poisonous drugs, and that so far Mr. Evans' allegations have not been borne out by the facts.

I am to add that it would appear, from your letter under reply, that the outstill system in Lower Bengal has not, in Monghyr, been worked with sufficient discretion, and that an undue multiplication of shops for the retail vend of country liquor has been permitted.

As, however, the system is being carefully watched by His Honor the Lieutenant-Governor, and as early measures have been taken to check any mistakes which have resulted from over-zeal or want of judgment on the part of district officers, His Excellency in Council trusts that the orders issued by the Government of Bengal will prove a sufficient and effectual remedy for the evils which have been brought to notice.

No. 15, dated Calcutta, the 28th January 1882.

From—COLMAN MACAULAY, Esq., Offg Secy. to the Govt. of Bengal, Finl. Dept.,
To—The Secy. to the Govt. of India, Dept. of Finance and Commerce.

I AM directed by the Lieutenant-Governor to submit, for the information of the Government of India, the accompanying papers* regarding the effects of the extension of the outstill system in Bengal.

* Letter from the Board of Revenue, No. 976B, dated 20th December 1881 (extract paragraphs 4 to 7).

Letter to Board of this date.

Letter to Board, No. 54, dated 20th September 1881.

Letter from the Board of Revenue, No. 114B, dated 14th January 1882.

2. In his Resolution on the last annual report of the Excise Department, the Lieutenant-Governor called for an explanation of the grounds on which certain District Officers had been permitted to retain an unduly large number of shops for the vend of country spirit in contravention of the orders issued on the previous report. The Lieutenant-Governor has been unable to pronounce the explanation satisfactory. There is no reason, however, to apprehend that such mistakes will be repeated. At the same time it is necessary to observe that, as the outstill system was introduced to check the trade of unlicensed distilleries, it is only natural that the number of shops should be increased. In comparing present with past numbers, the unlicensed stills now suppressed should be taken into consideration. Accurate comparison is thus impossible. The best proof that illicit distillation has been suppressed is the increase in the sale of duty-paying spirit.

3. The Lieutenant-Governor having observed a letter in the *Statesman* newspaper of 19th September, signed Jas. L. Phillips, in which it was alleged that drunkenness had largely increased among the Sonthals of the Midnapore district, called upon the Board for a special report upon the subject. This report is now submitted for the perusal of His Excellency the Governor-General in Council. It illustrates, in a very marked way, the error of those who attribute every case of drunkenness they see to the extension of the outstill system, and shows the great encouragement to illicit distillation that the old system afforded. In 1872-73 the sudder distillery system was in force in the Beenpara and Gurbeta divisions. The revenue from country spirit was only Rs. 290 in the former, against Rs. 6,478 in the latter. In 1873-74 the outstill system was introduced into Beenpara. In 1874 the revenue rose to Rs. 5,045, against Rs. 4,974 in Gurbeta. During the next three years the revenue only increased from Rs. 5,045 to Rs. 6,276 in Beenpara under the outstill system, against an increase from Rs. 4,974 to Rs. 8,151 in Gurbeta under the sudder distillery system. In 1878-79 the two divisions were amalgamated and placed under the outstill system. The revenue fell from Rs. 14,427 to Rs. 11,198. The next two years were years of great agricultural prosperity, and the revenue rose to Rs. 16,086 in 1879-80 and Rs. 21,680 in 1880-81. Two facts are strongly brought out by these figures. The first is that the sudder distillery system is altogether unsuited to such tracts as Beenpara. The revenue in 1872-73 was only Rs. 290. It cannot be doubted that the greater part of the liquor consumed

in the division was illicitly manufactured, or that this liquor must have been cheaper than that subsequently sold from outstills which had to pay a monthly fee. The second is that the outstill system, if properly administered, will not operate to produce an increase of revenue except in years of agricultural prosperity. The outstill revenue in Beenpara only rose from Rs. 6,110 in 1875-76 to Rs. 6,276 in 1877-78. In 1878-79 the revenue obtained from the two amalgamated divisions under this system was less by over Rs. 3,000 than that obtained from them in the previous year. Since that year there has been an increase, but this is not confined to country spirit. Between 1876-77 and 1880-81 there has been an increase of 43 per cent. in the revenue from puchwai, and 32 per cent. in the revenue from ganja and opium. In the Lieutenant-Governor's opinion the administration of the outstill system in the tract in question does not call for unfavourable comment. The Collector has promised to take special care that shops are not so placed as to compete with one another, and thus lead to a reduction in the price of liquor. But the existing proportion of shops—one to every 5,000 persons—cannot be said to be excessive in a tract in which the population is comparatively sparse, and a considerable area is under forest. Another letter from Reverend Mr. Phillips on the same subject is published in the *Statesman* of 18th instant; but the Lieutenant-Governor considers that the reports now submitted fully dispose of the question.

4. Mr. Phillips has alluded to the increase of drinking among the teaching staff of the mission schools. The Lieutenant-Governor desires me therefore to submit, for the information of His Excellency in Council, the accompanying copy of a circular which was issued at the Lieutenant-Governor's instance, in consequence of a somewhat similar statement made in the House of Commons, and an abstract of the replies received. It will be observed that the allegation that habits of drinking have extended to schools in Bengal is entirely without foundation, and that even in those districts—Bankoora and Monghyr—in which the excise administration has been least satisfactory, it is confidently stated that drinking among schoolboys is unknown.

Extract from a letter from A. FORBES, Esq., Officiating Secretary to the Board of Revenue Lower Provinces, to the Secretary to the Government of Bengal, Financial Department,—No. 976B, dated Calcutta, the 20th December 1881.

PARA. 4.—With regard to the grounds on which the numbers of outstills in the districts of Bankoora, Monghyr, Bhagulpore, and Maldah were not reduced to the extent desired by Government, I am desired to state that the Board, in their circular order No. 5, dated 17th January 1881, directed that all Collectors should endeavour to reduce the number of outstills, and to provide that there should not be more than one outstill to every 10,000 inhabitants in the interior of a district. In regard to Bankoora, the Commissioner of Burdwan was separately informed that the outstills appeared to the Board to have unduly increased in number, and they desired that, in submitting his proposals for 1881-82, the Collector should be directed to "weed out a considerable number of them." In reply, the Commissioner submitted a report from the Collector, from which the following extract is taken:—

"The sale of opium, ganja, madat, and charas in this district is extremely low indeed, so low that there is sometimes only one shop for a whole thana, or even none at all; and a great latitude therefore is, and should be, allowed in the sale of country spirits. Rule V, section 12 of the Board's Excise Rules is strictly adhered to in this district, and no outstill is let under Rs. 8 a month. There does not therefore appear to be any good ground for objection. * * * Here the consumers are only the semi-aborigines, and they can ill afford to pay highly, or to go far for their liquor, and the nature of the country where the villages are separated by jungle prohibits them from going far for it. The area per each outstill is said to be ten square miles—if one for nine square miles, the radius should be 2.1 miles. I do not allow a still to be placed at less than two miles from another; yet there are many blanks to be filled up. I may add that the average monthly fees per outstill is very nearly double the minimum limit laid down by the Board. The district is not yet sufficiently stocked with reasonably distant outstills, and efforts are being made to fill up the blanks, especially in the new tracts transferred from Manbhoom during the last official year. By careful local knowledge, by thwarting combinations among vendors, and by insisting on true accounts being kept by every shop-keeper, much better financial results are expected in this district than have been shown for the present financial year. Under the above circumstances, I must crave your earnest attention against throwing away revenue needlessly, and causing serious inconvenience to many poor people in this district after making every allowance for

the feeling against unduly encouraging drunken habits among them, and your support in allowing me such a number of shops as a maximum as can be placed at intervals of say two miles of a radius within the district." The Commissioner supported the view advanced by the Collector, and the Board, in consideration of the arguments of the local officers, informed the Commissioner that they would leave it to him and to the Collector to determine the most suitable number of shops for Bankoora, consistently with the principle that taxation of liquor should be raised as high as it could be without driving the people to illicit liquor, or noxious or unwholesome substances in lieu of licitly distilled liquor.

5. In regard to the districts of Monghyr, Bhagulpore, and Maldah, the Commissioner of Bhagulpore was also separately addressed, and was informed that in all these districts the number of outstills appeared to the Board to be in excess of the requirements of the people, and especially in Monghyr and Maldah. It was pointed out that in both of these districts the area supplied the population per outstill, and the average monthly fees of each outstill were unduly small, and the Commissioner was informed that the Board were prepared to sanction a reduction in the number of outstills if recommended by himself and the district officers. The Board desired that the Collector of Bhagulpore also should be requested to avoid an undue multiplication of outstills.

6. In submitting his settlement proposals for 1881-82, the Collector of Monghyr wrote as follows:—

"I have made enquires as to all cases in which outstills exist within two miles of each other, and in which it may be feasible to abolish one or more of such outstills. In some of the urban areas I find it would not be possible to reduce the number of licenses without considerable loss to the revenue, and I therefore do not recommend the abolition of any outstills there; and even in the rural districts it cannot in all cases be safely guaranteed that the loss on the shops abolished will be fully compensated by the enhanced price obtained for the remainder, but in many cases this may be expected, and the aggregate loss, if any, is not likely to be great." The Commissioner added that in the following year it might be possible to effect a further reduction in the number of shops after he had had sufficient time to consider the whole question, and he recommended that the proposals of the Collector, which had his approval, should be sanctioned.

7. In the districts of Bhagulpore and Maldah no larger reductions than those reported were proposed by the local officers, and the Board have already expressed their regret that a further reduction was not insisted on. I am at the same time to add that, as already reported in paragraph 5 of the Board's letter No. 885B, dated 21st November last, measures have now been taken to effect a further material reduction in the number of outstills at the next excise settlements.

No. 16, dated Calcutta, the 28th January 1882.

From—COLMAN MACAULAY, Esq., Offg. Secretary to the Government of Bengal,
Financial Department,

To—The Secretary to the Board of Revenue.

I AM directed to acknowledge the receipt of your letter No. 976B, dated 20th. ultimo, in which the Board submit the report required in paragraph 5 of the Lieutenant-Governor's Resolution of 15th November, regarding the undue multiplication of shops for the vend of country spirits in the Bankoora, Monghyr, Bhagulpore, and Maldah districts.

2. The number of outstills in Bankoora was raised from 190 in 1879-80 to 273 in 1880-81, and it was stated in the last annual report that the Board had refrained from insisting upon a reduction in the settlements for 1881-82 in consequence of the strong remonstrance of the Collector. The extract from the Collector's report, however, which has now been submitted, contains no justification of the Board's acquiescence in the disregard of the distinct orders issued by the Lieutenant-Governor in reviewing the report for 1879-80. The proportion of shops in 1880-81 was one to every 3,824 inhabitants, and, after making all due allowance for the peculiar features of the district, the Lieutenant-Governor must pronounce this to be an unduly high proportion. The Collector, in submitting his proposals for 1881-82, reported that the district was "not yet sufficiently stocked with reasonably distant outstills;" yet shortly afterwards, in reporting on the administration of 1880-81, he stated that drunkenness had increased among the labouring classes to whom the cheapness of country spirit had afforded facilities which they had been "only too eager to avail themselves of." It is much to be regretted that the Board invested the Collector with discretion to decide the number of shops to be licensed, in the face of his proposal to increase what was obviously already an unduly large number; and the Lieutenant-Governor must hold the Board, as constituted in January 1881, responsible for any evil which may have resulted in the current year from the disregard of the Government orders.

3. The number of outstills was reported to have been reduced in the current year only from 487 to 434 in Monghyr, and the Lieutenant-Governor, holding that this number was still too high, enquired on what grounds the Collector had been allowed to contravene the orders of Government. Similar enquiry was made in regard to Bhagulpore and Maldah, where the numbers after reduction were 256 and 126 respectively. The Board now submit an extract from a letter from the Collector of Monghyr, which appears to show an altogether

erroneous view of his duty and responsibility. In spite of the constantly repeated orders of Government, he seems to have regarded the question as one of revenue only. In the Lieutenant-Governor's Resolution of 17th November 1880, revenue officers were reminded that considerations of revenue should not be allowed to outweigh the duty of Government to prevent, by any means in its power, a spread of drunkenness among the people. In the opinion of Sir Ashley Eden the interests of the revenue and of the well-being of the people should, under judicious management, be identical, and, if proper care is taken, the revenue will be secured, not by an undue multiplication of the facilities for procuring liquor, but by the adoption of measures to restrict the number of shops to the real demand of the district, and to stimulate competition among candidates for licenses, while only such facilities are provided for the supply of duty-paid spirit as should be sufficient to discourage illicit stills. The Commissioner is reported to have supported the Collector's proposals, adding that a further reduction might be possible in the following year, after he had had sufficient time to consider the whole question. The Lieutenant-Governor has read this statement with considerable surprise. The Commissioner of Bhagulpore was, so far as the Lieutenant-Governor is aware, the first officer to report, some two years before these proposals were submitted, that the extension of the outstill system had been attended by an increase in drunkenness. In the interval, the number of outstills in three out of the four regulation districts in his charge had been unduly increased. In Monghyr they had been increased to an extent that was incompatible with the well-being of the people. Yet the Commissioner recommended a continuance of what he should have seen was an unsatisfactory state of affairs, and demanded further time to consider the whole question. The Lieutenant-Governor must condemn the action of the Commissioner in recommending, and of the Board in sanctioning, the Collector's proposals, in the face of the orders of Government which had just been issued. It is very unfortunate that the officers of Government should, by disregarding the plain injunctions laid upon them, bring discredit upon a system which, if carefully administered, is free from any of the objections which have been urged against it.

4. The Lieutenant-Governor is glad to receive the assurance of the Board that a further material reduction in the number of outstills will be effected at the next excise settlements. Sir Ashley Eden's views on the point have been stated at length in the Resolution on the last annual report. I am to add that the Lieutenant-Governor is aware that the proceedings which he has had to condemn were taken before the accession of Mr. Mangles to the Board. The careful administration of the excise by the Board as now constituted leaves nothing to be desired.

No. 54, dated Calcutta, the 20th September 1881.

From—H. M. KISCH, Esq., Offg. Secy. to the Govt. of Bengal, Financial Dept.,
To—The Secretary to the Board of Revenue, Lower Provinces.

I AM directed to draw the attention of the Board to a letter signed Jas. L. Phillips, published in the *Statesman and Friend of India* of the 19th instant,* on the subject of drunkenness among the Sonthals, and to request the Board to be so good as to obtain the necessary information from the Collector, and then to favour the Lieutenant-Governor with a report. The points on which the Lieutenant-Governor desires to receive information are the following:—

(1) Whether it is the case that, since the introduction of the outstill system in the district of Midnapore, there has been a great and marked increase of drunkenness. If so, how is the fact established? If the increase of drunkenness is not actually established, is it supported by any figures to which Mr. Phillips can refer?

(2) If there has been an increase of drunkenness, is it greater than what would naturally occur and always has occurred before when, after years of pinching and suffering from the high prices of food, there have followed years of good crops and cheap prices and general prosperity among the classes who drink? Is it not the case that during the last two years the people have had much more money to spend in luxuries than they have had for years past?

(3) Is it the case that the increased expenditure on luxuries is confined to spirit, or has there at the same time been an increase in the sale of opium, of cloth, and of metal vessels, umbrellas, &c.?

(4) What is the history of the clever young Sonthal teacher alluded to in Mr. Phillips' letter? Under what circumstance and when was the distillery planted in his village? Is it capable of proof that till that time he was a sober, steady character? Is this view borne out by the police? What was the distance of the nearest shop before this distillery was established in this young man's village? Was rice-beer unobtainable there?

(5) Is it the case that more people are seen drunk at the markets than in previous years of plenty and prosperity?

(6) Is the spirit sold at the outstill shops adulterated with any noxious drugs? Samples of the liquor should be carefully procured, sealed, and sent for analysis to the Chemical Examiner to Government. Is there any reason to suppose that the liquor from the sudder distilleries was issued to the consumer without any adulteration on the part of the shop-keepers?

No. 114B, dated Calcutta, the 7th January 1882.

From—A. FORBES, Esq., Officiating Secretary to the Board of Revenue, Lower Provinces,

To—The Secretary to the Government of Bengal, Financial Department.

I AM directed to acknowledge the receipt of Government order No. 54, dated 20th September 1881, drawing the Board's attention to a letter dated 14th September 1881, signed by J. L. Phillips, which appeared in the *Statesman* of the 9th idem, and calling for a report on certain statements made by Mr. Phillips regarding the increase of drunkenness in the district of Midnapore.

2. In reply, I am directed to forward herewith copies of a report, dated 30th November 1881, from the Collector of Midnapore, as well as of a further letter from Mr. Phillips, to whom a reference was made by the Collector, on the subject of the orders of Government. The Collector's report was received through the Commissioner on the 16th ultimo, when the submission of this report was further delayed by the non-receipt of the Chemical Examiner's report, referred to below, until the eve of the Christmas holidays.

3. With reference to the first enquiry made in the Government order under reply, it will be seen from the correspondence enclosed that Mr. Phillips' remarks apply chiefly to the Sonthals in the western and north-western portion of the Midnapore district, and that Mr. Phillips admits that they are not supported by any statistics, but are based upon his own and his School Inspector's observations. The Officiating Collector, Mr. Fiddian, has not had a sufficiently long acquaintance with the district to say whether there has or has not been any marked increase of drunkenness of late years among the Sonthals; but he reports that he has noticed that they are more addicted to drink than the Hindu and Mahomedan population in the other parts of the district. It is, however, observed that it is not very clear from Mr. Fiddian's report whether the cases of free drinking which he met with resulted from liquor obtained at an outstill, or from indulgence in the national drink (*pachwai*) which the Sonthals have for many years past been allowed to home-brew for their private consumption without any interference by the excise authorities.

4. With reference to the second and third questions put by Government, I am directed to say that the statement included in the fifth paragraph of the Collector's report appears to the Board to support Mr. Fiddian's contention that the outstill system is not in itself answerable for any increase which may have occurred in the drinking habits of the people; for it is a remarkable fact that, while the revenue from the outstills in the Bhimpore excise division advanced from Rs. 6,110 to only Rs. 6,276 in the three years 1875-76 to 1877-78, the revenue in the neighbouring division of Gerbetta, under the distillery system, increased during the same years from Rs. 4,987 to Rs. 8,151. The shops in both divisions were settled each year by public auction under exactly similar conditions, and as the Government revenue is practically regulated by the dealers' profits, which again depend upon the amount of custom they obtain, the conclusion is that the business of the distillery shops increased during those years in a more marked degree than that of the outstills. The sudden increase in revenue in Bhimpore in 1874-75 may, the Board think, be safely attributed to the check introduced by the outstill system on the illicit manufacture, which there can be little doubt was carried on extensively in that division in previous years.

5. I am also to observe that the increase in consumption of exciseable articles in Midnapore is by no means confined to distilled spirits, for the excise returns of the last five years show that between 1876-77 and 1880-81 the revenue from *pachwai* has risen from Rs. 3,734 to Rs. 5,339, or 43 per cent., while the revenue from ganja and opium has advanced from Rs. 1,03,512 to Rs. 1,35,018, or 32 per cent., and there can be no doubt that the Collector is right in ascribing the increased consumption to the good harvests of late years and the general prosperity of the people, rather than to any sudden excess of intemperate habits.

6. With reference to the sixth enquiry made by Government, I am to say that seven specimens of outstill liquor from different parts of the district have been forwarded by the Collector to the Board, and have been analysed by the Chemical Examiner, with the result that no poisonous mineral or vegetable substances could be detected in any of the samples.

7. In forwarding the Collector's report to the Board, the Commissioner of the Burdwan Division remarks that—

"Mr. Phillips is accustomed, in his own country, the north-eastern portion of the United States, to laws prohibiting the sale of intoxicating liquors of all kinds, and he therefore probably looks with some dislike on any system under which the sale of such liquors is licensed by Government. His special interest in the Sonthals also lends peculiar force to his denunciations of such a system. It is, however, premature to form an opinion on the results of the outstill system at present. It is of recent introduction, and the modifications, which experience of its working will suggest, have either not yet been introduced, or have not had time for a fair trial. As far as we can see at present, what is most urgently required is some method of preventing outstill liquor from being sold too cheaply, and this may be effected by fewer shops and a higher rate of license fee."

8. With reference to the foregoing remarks, I am directed to state that the total number of outstills in the Midnapore district is 215. This gives an average area and population to each outstill of 23 square miles and 11,696 inhabitants. The Board do not consider this an excessive allowance of shops for the vend of country spirits, but as it appears from the

Collector's present report that the outstills are not evenly distributed throughout the district, but are comparatively more numerous in the Sonthal parts of the district than in the eastern portion, the Board will be careful to see that a re-adjustment is made at the ensuing settlements; and I am to add that the Collector has already been directed (in October last), when submitting his proposals for the ensuing year, to furnish the Board with a statement showing the approximate area and population, and the proposed upset price of each outstill, together with a map indicating the position of each shop, on receipt of which information the necessary orders will be passed by the Board.

No. 104E, dated Midnapore, the 30th November 1881.

From—R. H. WILSON, Esq., Collector of Midnapore,
To—The Commissioner of the Burdwan Division.

I HAVE the honor to furnish the report* called for in your No. 377E, dated 14th ultimo, forwarding a copy of the Government letter No. 54, dated 20th September, to the address of the Board of Revenue, and a copy of the *Statesman and Friend of India* of 19th idem, containing a letter signed "J. L. Phillips," on the subject of increased drunkenness in this district owing to the introduction of the outstill system. This report has been drawn up by Mr. Fiddian, and I have myself merely added notes in the margin.

2. "The first point on which the Government calls for information is whether there has been a marked increase in drunkenness since the introduction of the outstill system, and if so, how that fact is proved.

"Dr. Phillips, who is a member of the American Mission here, was asked to give his reasons for arriving at the conclusion that there was a large increase in drunkenness, and that this increase was attributable to the outstill system. A copy of his letter, dated 3rd instant, on this and other points is annexed.

"He states in this letter that his conclusions in regard to the increase of drunkenness are not based on any precise figures or statistics, but on his own general observations, and on the reports furnished by the teachers of their Sonthal schools and the School Inspectors who are constantly moving about in that portion of the district which is occupied by Sonthals, viz. the west and north-west. Dr. Phillips' remarks apply mainly to the Sonthals, among whom more especially the operations of the mission are carried on; and as he is constantly in communication with the people, and moving among them as a non-official, it must be admitted that his opinion is entitled to considerable weight.

3. "My own experience of the district is limited to a few months, but when I visited the north-west portion last month, and made a tour in the Sonthali area, the change in respect to visible drunkenness was very noticeable. Elsewhere it is an uncommon thing to see drunken persons in the daytime, but here it does not appear to be so. I not unfrequently met Sonthals coming along the road who, from their gestures, were evidently half intoxicated, and occasionally a man might be seen lying like a log on the roadside; whether this is more common than formerly, I cannot of course say.

4. "The outstill system has been in force for the longest time, i.e. from the year 1874, in the western portion of the Sonthali area now under discussion, while in other parts of the district it was not introduced until 1878, and in Midnapore itself not until the present year.

"The early introduction of the outstill system in the west was probably due to the jungly character of the country, its comparative inaccessibility from head-quarters, and the sparseness of the population.

5. "Dr. Phillips is inclined to attribute the increase in drunkenness which he has observed entirely to the outstill system, and in no way to the greater prosperity of the people; but the statistics of excise revenue derived from that part of the district, although they show a large increase of revenue during the last seven years, do not go specially to support his contention.

"The accompanying table gives the annual revenue for the western side of the district from 1872-73 to 1880-81, an area which is now all included in the Beenpara (Bhimpore) excise division, but prior to 1878-79 was divided into (1) the Beenpara division comprising thanas Binpur (Bhimpore), Jhargram, and part of Gopiballubpore to the south-west, and (2) the Gurbetta division, which comprised Gurbetta thana to the north-west and part of Salboni. From the year 1878-79 the two divisions have been amalgamated under the name of the Beenpore division.

YEARS.	Revenue from country spirit in Beenpara.	Revenue from country spirit in Gurbetta, distillery system.	Total.	REMARKS.
	Rs.	Rs.	Rs.	
1872-73	290 (D. S.)	6,478 (D.S.)	6,768	
1873-74	1,132 + (1) (D and O. S.)	6,162	7,294	(1) Distillery system for ten months ... 732
1874-75	5,045 (O.S.)	4,974	10,019	Outstill system for two months... 400
1875-76	6,110	4,987	11,097	
1876-77	6,136	6,720	12,856	
1877-78	6,276	8,151	14,427	
1878-79		11,198 (O.S.)	11,198	
1879-80		16,086	16,086	
1880-81		21,680	21,680	

N. B.—Distillery system D. S. Outstill system O. S.

6. "The above figures, though indicating for the two amalgamated divisions of the western half of Midnapore a steadily increasing consumption of country spirits since the year 1872-73, do not seem to prove in any way that this is due to the outstill system; for in the three years 1875-76 to 1877-78 the excise revenue in Binpur proper, under the outstill system, was nearly stationary, while in Gurbetta, under the distillery system, there was a very considerable increase."

"The sudden increase in revenue in the years 1874-75, when the outstill system had been first introduced into Binpur proper, seems to indicate that there had been a good deal of illicit distillation going on before. It does not seem at all likely that the drinking habits of the people would become so suddenly inflated, or that a taste for liquors would be developed all at once. In the year 1878-79 again, when the outstill system had been extended to Gurbetta, there was a marked decrease in the revenue for the two amalgamated divisions, while in the two succeeding years the deficit was made up, and a large increase obtained. The last two years were years of good harvests, and it is not unreasonable to suppose that the large increase of 1879-80 and 1880-81 is partly at least due to that cause. The Sonthals are more given to spending their available funds on eating and drinking than ordinary Hindus and Mussalmans are, and invest less in such things as ornaments, clothes, and umbrellas. Drinking is more common among the Sonthals, and its immediate effect more noticeable; but it is, I understand, less productive of crime and violence among them than in other classes of society."

7. "With regard to the number of shops in the Binpur (which is the Sonthal) division, there are at present 87 such, or at the rate of 1 to every 5,000 inhabitants on a rough estimate; as parts of two thannas, Salboni and Gopibullubpore, are included, an accurate estimate is not practicable without further enquiries."

"This proportion of shops is double that which has been fixed as a standard, but considering the jungly nature of most of that area, and the sparseness of the population, the number of shops is perhaps not excessive. There may be individual cases in which two shops are too near to each other, and special attention should be given to this subject in future in order to eliminate any redundant shops."

I will see that this matter is not overlooked.

8. "There is still the question of comparative costs of country spirit under the two systems to be mentioned. Under the outstill system the price of liquor nowhere rises to more than one-half of what it was under the distillery system, and in some places, such as the Jungle Mehals, it does not exceed one-fourth of that amount. The strength of the liquor in the Jungle Mehals is, however, much weaker than elsewhere."

"Whether the strength of the liquor under the outstill system has been diminished in proportion to the decrease in price is doubtful, and it seems to be the general opinion that a man can get drunk for a smaller sum of money than formerly."

"Special attention to the number and location of shops, and to the selling prices of outstill liquor in different parts of the district, is no doubt advisable. The darogahs should report periodically the ruling prices, and the proprietors of outstills might be required to furnish them with such information themselves, to be tested by the darogahs."

"The sample of liquor sent to the Board for examination will show the comparative strength and purity of the liquor. No evidence has been obtained that the liquor supplied to Sonthals is adulterated."

9. "The history of the young Sonthal mentioned by Dr. Phillips in his letter to the *Statesman* newspaper is further detailed in paragraph 4 of his subsequent communication dated 3rd instant, already referred to. It appears that the young man was previously a sober character, and never touched intoxicating liquor. Rice-beer was at that time procurable at a village one mile distant, and country spirit at a distance of three miles. The outstill was placed in his village about February last. Dr. Phillips having some objection to making the young man's name and residence public, no further enquiries could be made, and as he has been away from the district since my return to head-quarters, I have had no opportunity of obtaining the information personally."

10. "The reports received from other parts of the district in regard to increase in drunkenness vary."

"In the Dantoon division, *i.e.* the southern portion of the district, there appears to be no increase in consumption of liquor, or at any rate no increase in drunkenness owing to the introduction of the outstill system which took place in May 1878. The habits of the people in South Midnapore are similar to those of the inhabitants of the Balasore district, who prefer opium. There are only 11 outstills, or about one-third of the standard number."

11. "In the Contai division the outstill system was introduced in July 1878. There has been no increase in drunkenness on that account as far as can be ascertained. Indeed there is at present a decrease in consumption, of country spirits, and probably also in drunkenness. This may be due to the low prices of paddy, combined with a somewhat unfavourable season locally, and the absence of labourers who have gone to other districts."

"There are only 11 shops in this division also, being a ratio to population which is much below the average for the district and the standard rate."

12. "In the Midnapore or Central Division the outstill system has only been in action for seven months, and its effects can hardly be noted so soon. In the last three years there has been a decrease in the receipts for this division, which may be attributed to the existence

of outstills all round its area, the cheaper liquor from which would inevitably find its way across the border.

13. "In the Ghattal and Panscoorah divisions, comprising the north-east portion of the district, the outstill system was introduced in April 1880 and May 1878 respectively. In Ghattal the increase of revenue from country spirit was very marked in the year following the introduction of the outstill system, i.e. in 1880-81, the receipts being nearly three times the amount of any previous year, as shown by the figures given below:—

	Revenue for 1875-76.	Revenue for 1876-77.	Revenue for 1877-78.	Revenue for 1878-79.	Revenue for 1879-80.	Revenue for 1880-81.	REMARKS.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Ghattal	2,539	3,398	4,327	3,528	3,871*	12,551(OS)*	* These two items include advances for the following year.

"This is also reported to have been accompanied by a large increase in the consumption of spirit, though of a weaker quality. Whether the spirit now used is weaker than that sold in other parts of the district will be found by testing the three samples from Ghattal which have been forwarded to the Board. It certainly seems probable that so large an increase of consumption has resulted in some increase of drunkenness. The number of shops, however, is not greater than 1 to 10,000 persons, and the price of spirit is as high as anywhere in the district I understand.

"The cause for so large an increase is not apparent. There is an epidemic fever raging in the Ghattal sub-division, and I do not know whether the people might on that account be more inclined to take to intoxicants, as was the case in Noakholly, when an epidemic of cholera broke out there from the effects of the cyclone wave.

There is a considerable amount of direct traffic by boat between Ghattal and Calcutta, and this fact may account for the large increase noticed. Enquiry shall be made whether this is the case.

14. "In the Panscoorah division, which lies between Midnapore and Ghattal, the increase in excise revenue has been considerable, though not so marked as in Ghattal. The figures are—

	Rs.	
For 1877-78	...	5,140 distillery system.
" 1878-79	...	4,509 outstill system.
" 1879-80	...	6,747 " "
" 1880-81	...	9,312 " "

Here, too, there has been doubtless an increased consumption of spirit, and there is also said to be some increase in drunkenness, though I did not notice anything of the kind when on tour there.

"The abundant harvest of 1880-81 has no doubt had a good deal to do with the large increase of consumption in this and other parts of the district.

15. "In no part of the district, except Ghattal, is there any evidence that country spirit, either under the distillery or the outstill system, has been adulterated.

"It is reported from Ghattal that in some cases shop-keepers mix dhatura with prepared outstill liquor, or use the panmarich plant at the time of distillation; but no specific instances have been brought to light.

16. "The following are the general conclusions which may be drawn from the figures which are available, and the enquiries which have been made.

"The revenue derived from country spirit and the consumption of the liquor have both been increasing for years past as well under the outstill as the distillery systems, and for the last two years the increase has been more marked, but this latter fact is accounted for in part at least by the occurrence of good harvests.

"Among the Sonthals increased prosperity causes increased eating and drinking rather than an accession of ornaments, clothes, and utensils, and the increase of drunkenness is therefore much greater and more marked in their cases.

"In the south and south-west of the district the people are not addicted to the drinking of spirit, and have not been affected in any way by the outstill system.

"The introduction of the outstill system has cheapened liquor considerably and made it possible for a man to get intoxicated on a somewhat smaller sum of money, the relative price and strength of the liquor being taken into consideration. This affords a probability of some increase in drunkenness, but the evidence on the point is not altogether conclusive. As a rule, no adulteration in the outstill has been observed.

17. "With a view to obviate evils which may possibly arise from the introduction of the outstill system, special attention should be given to the distribution of shops and the raising of the minimum license fees, and the prices of liquor in different parts of the district should be ascertained and compared in greater detail, in order to have data for taking action in the matter.

"The copy of *Statesman and Friend of India* is returned herewith."

It may be noticed in connection with Dr. Phillips' last paragraph that till Act VII of 1878 came into force, no license was required for the manufacture of rice-beer in quantities

not exceeding four seers, and the change in many cases amongst the Sonthals has been, not as elsewhere, from strong spirit to weaker, but from rice-beer to outstill spirit. Rice-beer was formerly their favourite liquor.

No. 1120, dated Midnapore, the 3rd November 1881.

From—DR. J. L. PHILLIPS, American Missionary,
To—The Officiating Collector of Midnapore.

I HAVE the honour to acknowledge the receipt of your letter No. 86E of the 24th ultimo, together with copy of letter No. 54 of the 20th September, from the Government of Bengal, and I cheerfully answer the questions you have sent me.

2. I have noticed "a great and marked increase of drunkenness" among the Sonthals (nor is this by any means confined to the Sonthals) of our district since returning from furlough three years ago. The fact is abundantly capable of proof by means of actual figures, though I have not resorted to counting, but depended chiefly on general observation, and the testimony of competent witnesses, who know the Sonthal country thoroughly and are constantly moving about in it, *i.e.*, our school inspectors and teachers. Their uniform testimony is corroborated by my own observation, that wherever the outstills have been planted, either in villages or markets, there has been an alarming increase of drunkenness. I have not counted drunkards, neither did I need to count, for the fact was too patent to require counting, like the fact that there were many more people in this sudder bazar during the days of the Durga Pujah, or during His Honor the Lieutenant-Governor's recent visit, than on ordinary occasions.

3. I cannot believe that the increase of drunkenness is due to increased prosperity, nor that it is accompanied by a larger expenditure on the ordinary comforts of life, such as are cited in your letter. As to opium, however, I am not prepared to express an opinion, for the Sonthals are not much given to the use of this drug, so far as I know.

4. As to the Sonthal teacher, I have made fresh enquiries of the school inspectors; also had a personal interview with the young man himself since receiving your letter. What I wrote to the *Statesman and Friend of India* in my letter of 14th September is amply confirmed by this new investigation. This young man has been in our employ for several years. The outstill was put in his village early in the present year, perhaps in February. He was never known to drink intoxicating liquor before the outstill was put in his village, and was always remarkably sober and steady. The nearest shop, before the outstill came, was about three miles away; but the Sonthal "rice-beer" could be obtained within a mile at another village. I dislike giving the teacher's name or that of his village in a public letter, for this seems hardly fair to him, though I should not hesitate to mention these to the Collector in confidence. I hope the young man is trying to do better, and we may now give him work tentatively in some other villages where he will be less exposed to temptation.

5. In conclusion, I confidently appeal to any gentlemen who have known the larger villages and the markets of this district, particularly those to the west and north-west of the station for ten years past, for full confirmation of what I have written in regard to the increase of drunkenness. I, in common with others, have called attention to what impresses many of our most thoughtful citizens, both foreign and native, as a *prominent public peril*, in the hope that the Government would institute measures for the public safety and welfare.

Circular No. 51, dated Calcutta, the 23rd September 1881.

From—A. W. CROFT, Esq., Director of Public Instruction, Bengal,
To—The Vice-President, District Committee of Public Instruction.

I SEE it announced that a statement has been made in the House of Commons that "even boys at school [in Bengal] were put in the way of consuming drink supplied by the agency of Government." I should therefore be much obliged if you would favour me at an early date with the opinion of the District Committee on the following points:—

- (1) Whether the practice of drinking to excess is at all common amongst the pupil class; and, if so, how many pupils have been expelled or otherwise punished for drunkenness.
- (2) If this practice does exist, whether it has sprung up within the last year or so only, and was unknown in former years, when the necessities of life were as cheap and the people as prosperous as they were in 1880-81.

Abstract of Replies to Circular No. 51, dated 23rd September 1881.

BURDWAN DIVISION.

1. *Principal, Hooghly College.*—"The practice of drinking to excess among the pupils of the Hooghly College and its subordinate institutions has not been brought to my notice, nor to that of the teachers whom I have consulted, and no student has been expelled or punished on that account since 1876, when I was placed in charge of the college."

2. *Assistant Inspector of Schools, Burdwan Division.*—"From my own experience in the Education Department, extending over a period of upwards of 25 years, I am of opinion that

the practice of drinking to excess is not at all common amongst the pupil class. If I were to make a calculation of the number of boys supposed to drink spirituous liquors on occasions of festivals, and of those who, for gratifying their curiosity or for other purposes, secretly indulge in drink, the percentage will be very small, not exceeding one out of every hundred at school. With the exception of certain cases [specially noticed below] and a few others in aided and private schools, I have received no reports of schoolboys being addicted to drinking, or of punishments inflicted on them for indulgences of this kind.

"I should here state that the practice of drinking obtains more among young men after leaving college or school than amongst the pupil class. Instances are known of our ex-students, who enter the world and live independently on their own earnings, a way from the wholesome restraints of their parents and guardians, being found to betake themselves to drinking. This is much to be regretted, but unfortunately for this country this has been the case for upwards of 40 years.

"With regard to the question whether the practice of drinking among the pupil class has sprung up within the last year or so, and was unknown in former years, I beg to observe that it is by no means, so far as it exists, of recent origin."

3. *Head-master, Beerbhoom Zillah School.*—Only two cases have come to his notice during his incumbency of 12 years.

"The offenders ceased to attend the school on their habits being known, and their names were struck off the rolls in accordance with the rules of the school. Both these cases occurred in 1879. Drunkenness," the head-master observes, "never prevailed, nor does it, now prevail, in his school."

4. *District Committee of Public Instruction, Beerbhoom.*—"The practice of drinking to excess is virtually unknown amongst the pupil class here, only two instances having occurred during a period of 12 years. The boys concerned were not natives of the district, and remained for a short time only. The instances above referred to happened three years ago."

5. *Head-master, Bankoora Zillah School.*—"No pupil was ever found guilty of the vice of drinking, and consequently never punished for the offence. Drunkenness, I am glad to observe, is not very prevalent here among the adult, much less among the pupil class."

6. *Head-master, Midnapore College.*—"Drinking to excess is not at all common among the students of the Midnapore College. About ten years ago three or four cases of drunkenness on the part of the students were brought to his notice, and the offenders were either expelled or allowed to withdraw from the school."

7. *Vice-President, District Committee of Public Instruction, Midnapore.*—"There may be some solitary instances of the students being addicted to this vice, but such have never been formally brought to notice."

8. *Head-master, Howrah Zillah School.*—"His experience of a little above 15 years acquired in different parts of the province, leads him to think that the practice of drinking to excess is by no means common amongst schoolboys, and he is aware of no instance in which a boy has been expelled or otherwise punished for drunkenness. He has, however, heard of boys indulging in drinking intoxicating liquors out of school hours on festive or other stirring occasions, but their number is very small, not exceeding two per cent. of the boys at school. The practice of drinking spirituous liquors on rare occasions, says the head-master, "is not quite of recent origin."

9. *Head-master, Utterpara Zillah School.*—"Drinking to excess does not exist among the boys of the Utterpara School. He has learnt, however, by careful enquiries made by him, that three or four pupils out of an aggregate of 440 do drink occasionally, but they have never been found drunk in public. The practice of drinking to the inappreciable extent," says the head-master, "that it exists among the pupils of the school, has not sprung up during the last year. I have been head-master of the school for about five years, and before my time an instance occurred of a lad having come drunk to school. The boy, I am informed, ran away as soon as the fact was noticed, and never came back to the school."

PRESIDENCY DIVISION.

10. *Principal, Krishnaghur College.*—"During my experience of colleges and students in Bengal, I have never once seen or heard of a student as drinking to excess. Further, I have never seen a student drunk and incapable on the public roads. It follows that in the three colleges which I have had the honour to officiate in—namely Hooghly, Patna, and Krishnaghur—to my knowledge no student has been expelled or otherwise punished for drunkenness."

11. *Principal, Berhampore College.*—"Drunkenness is by no means common among the pupils and students of the Berhampore College. Some nine months ago a newspaper stated that, when I was delivering a lecture on temperance in one of the public buildings of Berhampore, two little boys belonging to the 4th class were seen among my audience quite drunk. On investigation it turned out that there could be no doubt that two little drunkards had been seen among my audience, but they could not be identified, and the balance of proof went to show that they belonged to the 4th class of another school.

"This, however, led to a very thorough investigation of the question of drunkenness in connection with the collegiate school and college. All that could be elicited, however, was that one of the boys of the school was brought before me accused of having been suspected of having been drunk four months previously. He was spoken to in a very

serious manner, and solemnly warned, and nothing has been proved against him since. When a case of drunkenness does occur, there is every probability that it is due to the astounding carelessness of parents and guardians, and to that cause alone."

12. *District Committee of Public Instruction, Jessore.*—"The practice of drinking to excess nowhere exists in this district amongst the pupil class, and no instance of a schoolboy being expelled or otherwise punished for drunkenness has ever been brought to their notice."

RAJSHAHYE DIVISION.

13. *Principal, Rajshahye College.*—"The practice of drinking to excess is not common amongst the pupils of the Rajshahye College or of the attached collegiate school. During the period of my incumbency as Officiating Principal of the College, as also during that of my predecessor Mr. Downing, there has not been any instance of a student of the college having been expelled or otherwise punished for drunkenness, nor have I ever had any reason to suspect any college student of the habit. During the incumbency of the present head-master, one boy in this collegiate school has been expelled for drunkenness, and two other boys, who were suspected of being addicted to it, and who were on more than one occasion rebuked, have left the institution. There are now in the school some few more boys who are suspected of being more or less addicted to drinking, though I have no reason for supposing that they carry the habit to excess."

"The practice of drinking among the pupils of the collegiate school has not sprung up within the last year or so only, but has been in existence to a similar limited extent since the establishment of the institution."

14. *District Committee of Public Instruction, Pubna.*—"The practice of drinking may be said to have increased among the school students in so far as two cases have come to the notice of the head-master within the last six months, whereas nothing of the kind has ever come to notice before. In one of these cases the boy was living independently, i.e. without a legal guardian. The head-master on hearing of it informed the boy's father, and asked him to take necessary steps for his correction."

15. *District Committee of Public Instruction, Bogra.*—"The practice of drinking is unknown amongst the pupil class in this district, and no pupils were ever expelled or otherwise punished for drunkenness."

16. *District Committee of Public Instruction, Rungpore.*—"The practice of drinking to excess is unknown amongst the pupil class. No pupil has been expelled or otherwise punished for drunkenness."

EASTERN BENGAL.

17. *Principal, Dacca College.*—"I have made careful enquiries and searched the records of the college, the collegiate school, and the Madrasah, and find that no student since the foundation of these institutions has been brought up or been punished for drunkenness."

18. *District Committee of Public Instruction, Backergunge.*—"The Rev. Mr. Martin and the Secretary both state that drinking is commoner than it was, and that brandy is the liquor most popular. No boys have been expelled or otherwise punished, and the practice is very far yet from becoming a scandal."

19. *Joint-Inspector of Schools, Chittagong Division.*—"The practice of drinking to excess is not at all common among the pupil class."

20. *District Committee of Public Instruction, Chittagong.*—"The Committee have not hitherto learnt of a single case of a student taking to such habit."

21. *Head-master, Zillah School, Comillah.*—"There is nothing in the school records to show that any boy has been expelled or otherwise punished for drinking to excess. If hearsay may be depended upon, some boys do indulge in drink, but they generally absent themselves from school when too far gone."

22. *Deputy Inspector of Schools, Tipperah.*—"I do not think the practice of drinking to excess is at all common amongst the pupil class, though there may be schoolboys at the sudder station who have no objection to drinking. I am not aware that the District Committee had any occasion to expel or otherwise punish any boy for drunkenness. As to schoolboys drinking occasionally, I may add that it is a matter not of last year's occurrence, but may be said to be as old as the commencement of English education in Bengal."

BEHAR.

23. *District Committee of Public Instruction, Shahabad.*—"The habit of drinking to excess is not at all common among the pupil class, and no punishments for drunkenness or reports of drunkenness have come to the notice of the head-master, Arrah School, the District Magistrate, or any other member of the Committee."

24. *Vice-President, District Committee of Public Instruction, Sarun.*—"The practice of drinking intoxicating liquors is very rare among the boys attending the schools in this district. No case has ever come to my own notice, and from the replies which I have received, it appears that no punishment has ever been imposed for drunkenness."

25. *Head-master, Chuprah Zillah School.*—"The practice of drinking is not at all common amongst the pupil class of this district, and not a single boy during the many years I have been here has been punished for drunkenness. There are of course some boys, though a very small minority, who drink at home, but it is with the knowledge and consent

of their parents, and, as far as my knowledge extends, never to excess. I have never known a boy give any indications, even in his breath, of having been drinking."

26. *District Committee of Public Instruction, Monghyr*.—"No pupil has been expelled or otherwise punished for drunkenness, as this practice does not exist in this district among the schoolboys."

CHOTA NAGPORE.

27. *Assistant Inspector of Schools, Chota Nagpore Division*.—"The vice of drunkenness is not at all common amongst schoolboys in this division, or, so far as I am aware, in any other part of Bengal. The number of such boys as are addicted to drinking, even temperately, is exceedingly small in our schools, and I am not aware of a single case in which a pupil has had to be expelled or punished otherwise for drinking to excess."

28. *Head-master, Purulia School*.—"The practice of drinking to excess is not at all common amongst the pupil class here."

29. *District Committee of Public Instruction, Lohardugga*.—"The practice is not known."

ORISSA.

30. *Joint-Inspector of Schools, Orissa*.—"The practice of drinking to excess is not at all common amongst the pupil class. As far as I am aware no pupil was ever expelled or otherwise punished for drunkenness in Orissa."

31. *Principal, Ravenshaw College, Cuttack (late Joint-Inspector of Schools, Orissa)*.—"During nearly 26 years' experience in native schools, I have never known of a single case of insobriety."

32. *Head-master, Collegiate School, Cuttack*.—"Only one instance of a boy consuming drink supplied by the agency of Government ever came to my notice. Another boy was suspected of drinking in his private hours. He was at last expelled the school, not for it, however, but for some other misconduct."

"I am in a position to state that the practice of drinking is not at all common amongst the pupil class."

AMENDED RULES FOR THE AWARD OF MIDDLE ENGLISH AND
MIDDLE VERNACULAR SCHOLARSHIPS.

GENERAL DEPARTMENT—EDUCATION.

Calcutta, the 7th February 1882.

RESOLUTION.

READ—

Letter from the Director of Public Instruction, No. 7744, dated the 25th October 1881, submitting proposals for the amendment of the rules regarding the award of Middle English and Middle Vernacular Scholarships.

Read also—

The Government Resolution dated the 5th October 1872, and the rules regarding the award of scholarships in Bengal.

The Government Resolution No. 3005, dated the 16th October 1877, ordering the constitution of all middle English schools upon a vernacular basis.

THE teaching of English in vernacular schools was prohibited by the orders of Government, No. 4876, dated 10th December 1866, and under the Scholarship Rules of 1872 the minor scholarship examination included an examination in English grammar, translation, and dictation; as a necessary consequence of this rule, and of the prohibition of high class English schools from competing for minor scholarships, only middle English schools were allowed to compete for such scholarships. In a letter from Government to the Director of Public Instruction, No. 1716, dated 19th June 1876, it was subsequently ruled that any middle class school might compete for both minor and vernacular scholarships, and that any lower class school might compete for the lower anglo-vernacular as well as for the lower vernacular scholarships. The order of 1866, which prohibited the teaching of English in vernacular schools, was at the same time withdrawn. An unhealthy stimulus was thus given to the teaching of English, or what could be made to pass for English, the evil effects of which were fully explained in the Resolution No. 3005, dated 16th October 1877. In that Resolution measures were also taken for the encouragement of sound vernacular teaching by ruling that all candidates at the minor scholarship examination must pass the full vernacular scholarship test, and by abolishing what were called the lower anglo-vernacular scholarships.

2. These orders, as was anticipated when they were framed, while they simply restored to middle English schools their original constitution, have effected a radical change in their organization and course of instruction as these stood in 1877. Until the full effect of these changes should be apparent, it was determined to make no change in the rules regulating the tenure of scholarships. The time, however, has now come for the modification of the rules regulating the award of middle English and middle vernacular scholarships, so as to adapt them to the altered conditions under which candidates from middle schools now compete for them. In the rules of 1872, it was assumed that candidates who passed the middle English scholarship examination were two years nearer to the Entrance standard of the University than those who passed the middle vernacular scholarship examination; the orders of 1877 requiring all candidates for either class of scholarships to pass the full vernacular test have practically reduced this difference from two years to one. Moreover, under the existing rules the total value of a middle English scholarship is Rs. 120 without free tuition, and the value of a middle vernacular scholarship is Rs. 192 with free tuition; free studentships being also given in either case after the expiration of the scholarship. Under the existing constitution of middle English schools there is not the slightest reason to discourage the teaching of English, which now forms a useful addition to the full vernacular course; and the inequality involved in the remission of fees to vernacular schools only may with advantage be removed. The substitution of the following rules for those now in force has accordingly been proposed by the Director of Public Instruction, and accepted by the Lieutenant-Governor:—

(1) Middle vernacular scholarships of Rs. 4 a month will be tenable for four years at any higher class English school, or for three years at any first grade normal school.

(2) Middle English scholarships of Rs. 5 a month will be tenable for three years at any higher class English school.

(3) Both classes of scholarships will carry with them the privilege of free tuition in all Government and aided schools in addition to the stipend.

(4) The scholarship will be tenable during good conduct, and will be liable to withdrawal under the orders of the Circle Inspector.

(5) Free tuition after the expiration of the stipend will be allowed, conditionally on good behaviour, at any higher class English school for a maximum period of two years to vernacular scholars, and of one year to English scholars.

(6) No boy shall be allowed to compete for a middle English scholarship after he has passed the age of 16, or for a middle vernacular scholarship after he has passed the age of 15 years.

(7) It will be open to candidates, whether from middle English or from middle vernacular schools, to compete either for middle English or for middle vernacular scholarships.

(8). The subjects of examination will be as follows:—

	Maximu m mark.
English language	150
Vernacular language	150
Arithmetic	150
History and Geography, including Physical Geography	150
Euclid and Mensuration	100
Sanitary science	50

with one of the following subjects:—

(a) Elements of natural philosophy	...	...	50
(b) Elements of chemistry	...	...	50
(c) Elements of botany	...	...	50
Total	...	...	800

(9). To be eligible for a vernacular scholarship, a candidate must obtain 33 per cent. of the total marks in the vernacular language and in the arithmetic paper; and to qualify for a vernacular certificate he must obtain 25 per cent. of the marks in each of those subjects. Similarly, to be eligible for an English scholarship, a candidate must obtain 33 per cent. of the total marks in the

English paper; and to qualify for an English certificate, he must obtain 25 per cent. of the marks in the same paper. In the remaining subjects credit will be allowed for all marks obtained. Subject to these conditions, all the marks will be added up, and the scholarships or certificates will be awarded according to the aggregate number gained by each candidate. Candidates who obtain the required number of marks will receive middle English scholarships or certificates if they have obtained the minimum number of marks in the English paper. To successful candidates, whose marks in the English paper fall short of the minimum, middle vernacular scholarships or certificates will be awarded.

(10). At each examination the successful candidates for each class of scholarship will be arranged in three divisions—

1. Those obtaining half marks and upwards in the first division.
2. Those obtaining three-eighths marks and less than half marks in the second division.
3. Those obtaining one-quarter marks and less than three-eighths marks in the third division.

(11). The nominal values of the two stipends will be Rs. 180 and Rs. 192 respectively, and taking into account the savings from short drawings on account of absence, &c., the mean value of the actual payments on account of the middle scholarships of both classes may be taken as Rs. 180. It will therefore not be necessary to decide beforehand the amounts to be allotted respectively to English and vernacular scholarships. The number of scholarships assigned to a district will be the quotient of the allotment in rupees divided by 180, or the whole number next above that quotient. The proportion of the total number of scholarships to be allotted respectively as English and vernacular will depend upon the results of the examination.

(12). Each Circle Inspector will conduct the scholarship examination for his circle. A uniform course will, however, be published by the Director of Public Instruction two years in advance of the examination for all circles alike, in place of the separate courses at present issued by the several Circle Inspectors. The fees payable by candidates will be Rs. 2 for middle English scholarships, and Re. 1 for vernacular scholarships.

(13). The Central Text-book Committee will be requested to prepare a list of books classified according to the several subjects of the course, including language, both English and vernacular, and covering the ground required by the standard of examination. This list will be submitted to the Director, and will, after receiving his authorisation, be issued to Circle Inspectors for distribution to all middle schools. The final choice of the particular books to be used in each school will rest with the managers, it being understood that their choice is strictly limited to the books contained in the authorised list. It is hoped that in this way the schools will be guided to the use of good books only, while the market will not be monopolised by one set of books to the exclusion of others equally good.

(14). The Committee will also be desired to undertake the duty of preparing lists of text-books in all subjects adapted to the standard of each class in a middle school. Books are occasionally published which correspond exactly to no scholarship standard, and which therefore cannot be included in the authorised list, while at the same time they might be useful text-books in classes below that standard. This list will, like the first, be issued to the schools for their choice of books for all classes, a model scheme being at the same time issued by the Director of Public Instruction to assist them in making their choice.

All Circle Inspectors, Joint and Assistant Inspectors, will keep the Committee informed of the appearance of all new books likely in their opinion to make useful text-books.

By order of the Lieutenant-Governor of Bengal,

D. BARBOUR,

Offg. Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 4th February 1882.

No.	District, and date of return.	Rainfall at Sudder Station in inches	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIVN.	1 Burdwan, Feb. 4 '82	Nil	Weather—a little colder than last week. Rain wanted in Rancegunge. <i>Rubbee</i> crops and sugarcane thriving well. Rice sells at from 27 to 32 seers per rupee. Up to date there have been 282 deaths from cholera in Culna sub-division. Cholera has also broken out in some villages in Cutwa.
	2 Bankoora, „ 4 „	Nil	Weather—clear and warm in the beginning of the week, but latterly seasonably cold with foggy mornings. Prospects of winter crops continue favourable, but want of rain is felt in places. Public health improving, but cholera is still reported from Indas thana.
	3 Beerbhoom, „ 4 „	Nil	Harvesting of <i>amun</i> rice finished. Sugarcane being cut with good outturn. Other winter crops doing well, though the want of rain is beginning to be felt. Public health fair.
	4 Midnapore, „ 4 „	Nil	Weather—seasonable. No crops in the field at present. Prices low. Fever much abated.
	5 Hooghly, „ 4 „	Nil	Weather—seasonable. Prospects of cold-weather crops generally good. Rain wanted. A few cases of cholera in different parts of the district.
	Howrah, „ 6 „	Nil	Weather—cool again. Crops doing well. Rice selling at 24 seers per rupee. Public health good.
<i>Central Districts.</i>			
PRESIDENCY DIVN.	6 24-Pergunnahs, Feb. 6 '82	Nil	Weather—hot days, with misty mornings and cool nights. Harvesting of <i>amun</i> still going on. Winter crops promise well. Public health generally good. Isolated cases of cholera reported from Satkhira, Barripore, and Barrackpore sub-divisions.
	7 Nuddea, „ 4 „	Nil	Weather—warm till near the end of week; now cold for the season. Winter crops badly in want of rain. Fever very much abating, but cholera increasing.
	8 Jessore, „ 4 „	Nil	Weather—very warm during early part of week, now fresh and cold. Cultivation actively progressing for spring sowings. Rain much needed. Cholera and fever continue to abate.
	9 Moorsshedabad, „ 4 „	Nil	Weather—has taken a sudden change and become cool again. Prospects of crops continue to be favourable. Winter crops are all doing well, except in some places where rain is wanted. Fever abating. A few cases of cholera here and there.
RAJSHAHYE AND COOCH BEHAR DIVN.	10 Dinagore, Feb. 3 '82	Nil	Weather—seasonable. Prospects of <i>rubbee</i> crops good. Price of rice stationary.
	11 Rajshahye, „ 4 „	Nil	Weather—still no rain, though occasionally cloudy during the week. Last two days much colder. Spring crops suffering somewhat from want of rain. Fever has much abated. One or two cases of cholera reported from Godagari. Price of rice stationary.
	12 Rangpore, „ 3 „	Nil	Weather—cool, with west wind blowing. Rain is much wanted. Cholera is reported in places, chiefly in Kurigram sub-division; it is abating in Sudder sub-division.
	13 Bogra, „ 4 „	Nil	Weather—seasonable and cooler than last week. Harvest of winter rice all but finished. <i>Rubbee</i> crops are growing fairly, but need rain. A few drops fell on Thursday 2nd, but inappreciable to the gauge. There are a few cases of cholera, but public health is generally fair. Cattle-disease reported from one village in the east.
	14 Pubna, „ 4 „	Nil	Weather—too warm for the season, cloudy at times, foggy in some mornings. Rain is expected shortly, and is much needed for ploughing and sowing. The outturn of cold-weather crops has not been good. Public health good.
	15 Darjeeling, „ 4 „	Nil	Weather—clearer than usual at this season in the hills. Rain much wanted for tea. Rice harvest complete in the Terai. Crops on ground doing well.
	16 Jalpigoree, „ 4 „	Nil	Weather—bright and cold. Tobacco, potatoes, sugarcane, &c., all promise to yield a fair outturn. Health very good.
DACCIA DIVN.	Cooch Behar, „ 3 „	Nil	Weather—becoming a little warm. Want of rain being felt. Harvesting of mustard-seed crop proceeding. Prospects of tobacco and other crops still fair. Price of rice Rs. 1-12 per maund. Public health good.
	<i>Eastern Districts.</i>		
	17 Dacca, Feb. 4 '82	Nil	Weather—becoming warm. Sometimes foggy in the morning. Winter crops generally promise fairly, but some injury has been done to the <i>kalai</i> by drought. Public health generally good.
	18 Furreedpore, „ 4 „	Nil	Weather—getting warm. Prospects of winter crops favourable. General health good.
DACCIA DIVN.	19 Backergunge, „ 2 „	Nil	Weather—south winds till to-day (2nd); foggy mornings; days warm for the time of year. Rain wanted for <i>moogh</i> now being sown, and for cold-weather crops generally. Prices falling.
	20 Mymensingh, „ 3 „	Nil	Weather—seasonable. State and prospects of crops good.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(concluded.)			
Eastern District.—(concluded.)			
CHITTAGONG DIVN.	21 Chittagong Feb. 7 '82	0.06	Weather—seasonable. Prospects of crops good. Small-pox continues.
	22 Noakholy, „ 2 „	Nil	Weather—becoming warm. Mornings cool, but foggy. Prospects of cold-weather crops fair. An average yield is expected. Rain wanted for higher lands.
	23 Tipperah, „ 3 „	Nil	Weather—warm for the time of year. Prospects of crops good. There are still sporadic cases of cholera in the district.
	24 Chittagong Hill Tracts, Jan. 31 '82	Nil	Weather—morning cold and foggy, midday and afternoon warm. Mustard in seed and being gathered; prospects good. No report of small-pox received during the week.
	Hill Tipperah, Feb. 1 '82	Nil	Weather—rather too hot for the season. Paddy being stored. Sugarcane still being gathered. Prospects of chillies and tobacco fair.
BEHAR.			
PATNA DIVN.	25 Patna, Feb. 4 '82	Nil	Weather—getting warm. Rice harvest is over. Prospects of <i>rubbee</i> crop still good, but a little rain is wanted. Public health good.
	26 Gya, „ 4 „	Nil	Weather—cool. Paddy is being thrashed. Rain much wanted for <i>rubbee</i> . Fever abated.
	27 Sunhabad, „ 4 „	Nil	Weather—cold and clear, with occasional wind. Prospects of <i>rubbee</i> not very good. A fall of rain was much wanted. Sporadic cases of small-pox.
	28 Darbhanga, „ 4 „	Nil	Weather—seasonable. Prospects of <i>rubbee</i> crops still continue to be favourable, but rain is wanted. Harvest of tobacco commenced. Prices stationary. General health good.
	29 Mozufferpore, „ 4 „	Nil	Weather—cold, with west wind. Prospects of <i>rubbee</i> crops continue very good.
	30 Sarun, „ 4 „	Nil	Weather—seasonable; has become much colder within the last few days. Harvesting of paddy almost finished. <i>Rubbee</i> and poppy crops doing well, but rain is needed. Public health generally good.
BHAGALPORE DIVN.	31 Champaran, „ 4 „	Nil	Weather—strong west winds; comparatively hot. Prospects of crops good. Public health good.
	32 Monghyr, Feb. 4 '82	Nil	Weather—seasonable, with west wind. Prospects still generally favourable, but rain is wanted.
	33 Bagulpore, „ 4 „	Nil	Weather—clear, with high west winds. Cooler of late. Prospects of crops generally fair, but rain wanted. Cases of small-pox still exist.
	34 Purneah, „ 4 „	Nil	Weather—strong west wind blowing during latter part of week. Very cold at night. Prospects of winter crops not hopeful for want of rain. Small-pox reported from Kissengunge sub-division.
	35 Maldah, „ 4 „	Nil	Weather—middle of the week cloudy, but since then westerly wind has set in, with a marked decrease in the temperature, which is now six degrees lower than it was a week ago. <i>Rubbee</i> crops are ripening. Harvest has commenced in many parts. General health fair.
	36 Sonthal Pergas, „ 4 „	Nil	Weather—bright and warm, with strong westerly winds during most part of the week. <i>Rubbee</i> crops would be benefited by a shower of rain.
ORISSA.			
ORISSA DIVN.	37 Cuttack, Feb. 3 '82	Nil	Weather—hot at times. Reaping of <i>rubbee</i> almost completed. <i>Dalua</i> rice being transplanted. Miscellaneous crops growing well. Common rice sells at 31 seers per rupee. Public health good.
	38 Pooree, „ 2 „	Nil	Weather—rather hot. <i>Sarad</i> rice still being harvested. Sugarcane being crushed. Miscellaneous crops going on well. Common rice sells at from 27 to 37 Calcutta seers for the rupee. Fever still prevails. Cattle-disease reported. Small-pox has appeared.
	39 Balasore, „ 3 „	Nil	Weather—seasonable. <i>Dalua</i> rice doing well. Gathering of <i>rubbee</i> and other cold-weather crops nearly brought to a close. Public health generally good. Cholera, small-pox and cattle-disease reported from parts.
CHOTA NAGPORE.			
South-West Frontier Agency.			
40	Hazaribagh, Feb. 3 '82	Nil	Weather—rather warm for the season. No rain at Sudder, but rain is believed to have fallen in the neighbourhood during the last two days. Prospects of <i>rubbee</i> much below the average. Prices the same as during last week. Small-pox and fever reported from certain thanas; with these exceptions, public health good.
41	Loharduggs, „ 4 „	Nil	Weather—hot up to 3rd, when it became very cold. Rain badly wanted for <i>rubbee</i> all over the district. Prices steady. Fever hanging about in Palamow.
42	Singbhoom, „ 3 „	Nil	Weather—warm. Rain holds off. General health good.
43	Manbhoom, „ 4 „	Nil	Weather—rather chilly. Prospects of winter crops good in all places. Public health generally good, except at Raghunathpore where small-pox is prevalent, and at Gobindpore where a few cases of cholera have occurred.

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 7th February 1882.

COLMAN MACAULAY,
Offg. Secy. to the Govt. of Bengal.

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in the

		RETAIL SALE:—QUANTITIES PER RUPEE BY																							
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— CUMBOO, BARUA.			GRASS MILLET— CHOLU, JOWAR.								
Number.	DISTRICTS.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.						
BENGAL.																									
Western Districts.																									
1	Burdwan ...	A 13 4	15 12	18 0	34 0	30 0	40 0	31 0	32 8	29 0	32 8	34 0	30 0	...	...	...	...	...	...
2	Bankoora ...	B 13 12	14 0	14 8	13 8	13 0	18 8	30 0	30 0	23 0	38 0	36 0	32 8	...	...	...	...	...	...
3	Beerbhoom ...	C 12 0	13 8	18 0	...	...	...	24 0	22 8	24 0	31 8	28 8	28 0	...	...	...	...	...	...
4	Midnapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	Hooghly ...	D 13 0	13 0	16 0	...	...	...	10 0	10 0	8 0	20 0	20 0	19 0	...	...	...	...	...	...
	Howrah ...	15 8	15 8	15 0	...	...	...	16 8	16 0	15 0	20 0	20 0	23 0	...	...	...	...	...	...
Central Districts.																									
	Calcutta ...	E 13 5	14 0	16 0	26 14	36 0	26 0	10 0	10 0	6 12	17 12	17 12	18 0	...	...	...	29 0	22 0	20 0			
6	24-Pergunnabs...	F 13 5	13 5	13 5	26 8	26 8	26 4	10 8	10 0	10 0	20 0	17 8	17 0	20 0	16 0	17 8	17 8	17 8	26 8						
7	Nuddea ...	G 16 13	16 13	18 13	32 0	32 0	32 0	17 4	17 4	17 4	24 10	24 10	22 0	...	...	...	...	...	...
8	Jessore ...	H 14 0	14 0	16 0	...	...	...	19 0	19 0	20 0	29 0	28 0	26 0	...	...	...	...	...	...
9	Moorshedabad ...	I 17 0	17 0	20 0	...	...	...	20 0	18 0	26 0	30 0	30 0	30 0	...	...	...	...	...	...
10	Dinapore ...	J 13 0	13 3	16 0	24 0	24 9	26 8	24 0	22 8	21 9	31 4	31 3	33 9	...	...	...	...	...	...
11	Rajshahye ...	K 13 8 to 16 8	12 12 to 18 12	22 8	48 12	48 12	37 8	12 8 to 14 0	20 0 to 24 0	16 0 to 21 0	28 2 to 30 0	37 0 to 32 0	21 0 to 32 0	...	...	...	...	...	...
12	Rungpore ...	L 15 0	15 0	18 0	...	...	...	15 0	15 0	15 0	22 8	22 8	30 0	...	...	...	...	...	...
13	Bogra ...	M 12 12	12 12	24 0	...	...	...	21 0	21 0	22 8	33 12	30 0	37 8	...	...	...	...	...	...
14	Pabna ...	N 22 8	22 8	22 8	...	...	...	10 0	12 0	12 0	28 8	29 0	30 0	...	...	...	...	...	...
15	Darjeeling ...	O 8 0	8 0	8 0	8 0	8 0	8 0	5 0	5 0	5 0	13 0	14 0	13 0	...	...	...	...	...	...
	Julpigore ...	P 9 4	9 0	8 12	20 0	20 0	...	14 5	14 5	16 0	22 0	22 0	23 0	...	...	...	...	...	...
Eastern Districts.																									
17	Dacca ...	Q 13 5	12 4	14 0	40 0	40 0	45 0	25 0	22 10	25 8	32 0	32 0	33 0	...	...	...	...	...	...
18	Furzedpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	Backergunge ...	...	...	...	...	...	...	23 0	20 0	20 0	29 0	27 0	32 0	...	...	...	...	...	...
20	Mymensingh ...	...	...	...	...	...	...	22 12	20 0	20 0	30 0	30 0	26 0	...	...	...	...	...	...

* Returns not received.

A In the interior prices range as follow:—Wheat 16 seers, barley 36 to 40 seers, best rice 23 to 25 seers, common rice 27 to 32 seers, gram 21 to 27½ seers, firewood 100 to 120 seers, and salt 10 seers.

B In the interior prices range as follow:—Wheat 12 to 18 seers, barley 22 to 36 seers, best rice 21 to 32 seers, common rice 25 to 40 seers, maize or Indian-corn 28 to 52 seers, gram 12 to 22 seers, firewood 160 to 440 seers, and salt 9 to 12 seers.

C In the interior prices range as follow:—Wheat 13 to 25 seers, best rice 20 to 32 seers, common rice 27 to 37½ seers, gram 18 to 27½ seers, firewood 80 to 200 seers, and salt 9 to 10½ seers.

D In the interior prices range as follow:—Wheat 12 to 26 seers, barley 15½ to 34 seers, best rice 10 to 24 seers, common rice 20 to 34 seers, gram 16 to 28 seers, firewood 2½ to 4 maunds, and salt 9 to 10 seers.

E In the interior prices range as follow:—Wheat (in Bhowanipore) 14½ seers, barley (in Bhowanipore) 32 seers, best rice 9 to 10½ seers, common rice 19 to 32 seers, gram 23 seers, firewood 90 to 100 seers, and salt 10 seers.

F In the interior prices range as follow:—Wheat 15½ to 27 seers, barley 29½ to 49 seers, best rice 8 to 21 seers, common rice 24½ to 31 seers, maize or Indian-corn (in Koochtea) 18 seers, gram 20 to 32 seers, firewood 80 to 200 seers, and salt 8½ to 10 seers.

G In the interior prices range as follow:—Wheat 8 to 11 seers, best rice 9 to 25 seers, common rice 25 to 32 seers, gram 8 to 16 seers, firewood 2½ to 4 maunds, and salt 8 to 8½ seers.

H In the interior prices range as follow:—Wheat 14 to 20 seers, barley 40 to 50 seers, best rice 18 to 25 seers, common rice 28 to 31½ seers, gram 24 to 30 seers, firewood 100 to 140 seers, and salt 9 to 9½ seers.

Districts of Bengal for the Fortnight ending 31st January 1882.

THE SEER OF 80 TOLAHS.																		WHOLESALE PRICE PER MAUND OF 40 SEERS.						DISTRICTS.
LESSER MILLET— RAGI OR MURWA AND CHERNA.						MAIZE OR INDIAN CORN.						GRAM.			FIREWOOD.			SALT.			SALT.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.				
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	R. A. P.	R. A. P.	R. A. P.						
...	24 8	24 8	24 0	120 0	100 0	80 0	10 0	9 12	10 0	3 12	0 3	14 0	...	Burdwan.					
...	36 0	36 0	48 0	20 8	20 8	18 8	320 0	320 0	360 0	9 0	9 0	9 0	4 4	0 4	4 0	...	Bankoora.					
...	45 0	...	...	24 0	22 0	18 0	180 0	180 0	180 0	9 4	9 0	9 0	4 5	0 4	5 0	...	Beerbhoom.			
...	Midnapore.					
...	22 0	22 0	18 0	120 0	120 0	120 0	9 0	9 0	9 0	4 0	0 0	...	...	Hoghly.					
...	22 8	22 8	20 0	80 0	80 0	80 0	9 0	9 0	...	3 12	0 3	13 0	3 14 3	Howrah.					
Central District.																								
...	40 0	34 0	28 0	24 12	26 0	29 0	90 0	90 0	90 0	8 0	8 0	8 0	4 0	0 4	0 0	4 0 3	Calcutta.					
...	...	16 0	32 0	32 0	...	21 8	21 4	18 0	100 0	100 0	90 0	...	9 0	9 8	4 0	0 4	0 0	...	24-Pergunnahs.					
...	29 0	29 0	24 10	...	...	120 0	9 0	9 0	10 0	4 0	0 4	0 0	...	Nuddes.					
...	22 0	22 0	18 0	110 0	110 0	110 0	8 0	8 8	8 0	4 0	0 4	0 0	...	Jessore.					
...	33 0	33 0	25 0	120 0	120 0	120 0	9 4	9 4	8 0 to 9 0	4 0	0 4	0 0	...	Moorshedabad.					
...	19 0	20 0	14 8	160 0	160 0	180 0	9 0	8 8	8 8	4 6	0 4	6 0	...	Dinapore.					
...	14 6 to 30 0	30 0	18 0 to 24 0	240 0	240 0	250 0	9 6	9 12	9 8	4 6	0 4	6 0	...	Rajshahye.					
...	12 0	12 0	9 0	135 0	120 0	120 0	9 0	8 12	8 12	4 6	0 4	8 0	...	Rungpore.					
...	15 0	12 12	16 14	67 8	67 8	67 8	8 10	8 10	9 0	4 4	4 4	4 0	...	Bogra.					
...	20 8	21 0	18 0	200 0	200 0	200 0	9 10	9 6	9 6	4 2	0 4	2 0	...	Pubna.					
9 0	9 0	9 0	20 0	20 0	17 0	8 0	8 0	6 8	160 0	160 0	160 0	5 0	5 0	5 0	6 0	0 6	0 0	...	Darjeeling.					
...	13 5	13 5	11 5	128 0	188 0	64 0	9 0	9 2	8 0	4 2	0 4	2 0	...	Julpigoree.					
Eastern Districts.																								
...	25 0	25 0	21 0	100 0	100 0	106 0	10 0	10 0	9 11	3 12	0 3	14 0	...	Dacca.					
...	Farreedpore.					
...	21 0	21 0	18 0	100 0	100 0	100 0	8 0	8 0	8 8	4 8	0 4	8 0	...	Backergunge.					
...	20 0	20 0	19 0	...	...	...	10 0	9 12	9 4	4 0	0 4	0 0	...	Mymensingh.					

I In Raigunge prices are—Wheat 12 seers, best rice 26½ seers, common rice 37½ seers, gram 15 seers, firewood 3½ maunds, and salt 8 seers.

J In Nattore prices are—Wheat 30 seers, best rice 12 seers, common rice 30 seers, gram 19½ seers, firewood 4 maunds, and salt 8½ seers.

K In the interior prices range as follow :—Wheat 15 to 17 seers, barley (in Bagdogra) 14 seers, best rice 18½ to 24 seers, common rice 25½ to 38 seers, gram 12 to 12½ seers, firewood 80 to 200 seers, and salt 8½ to 9 seers.

L In Sorajunge prices are as follow :—Wheat 24 seers, best rice 10 seers, common rice 26 seers, gram 18 seers, and salt 9 seers.

M In the interior prices range as follow :—Wheat (in Silliguri) 7 seers, best rice 16 seers, common rice 16 to 18 seers, lesser millet (in Kurseong) 12 seers, maize or Indian-corn 16 seers, gram 10 to 16 seers, firewood 120 to 160 seers, and salt 6 to 9 seers.

N In the interior prices range as follow :—Best rice 10 to 16 seers, common rice 16 to 26½ seers, gram 8 to 10½ seers, firewood 64 to 80 seers, and salt 6½ to 8 seers.

O In the interior prices range as follow :—Wheat (in Jaffergunge) 24 seers, barley (in Jaffergunge) 62½ seers, best rice 16 to 29 seers, common rice 26 to 30 seers, gram 20 to 30 seers, firewood 80 to 120 seers, and salt 8 to 10 seers.

P In the interior prices range as follow :—Best rice 23 to 27½ seers, common rice 25 to 34 seers, gram 10 to 20 seers, firewood 60 to 200 seers, and salt 8 seers.

Q In the interior prices range as follow :—Wheat 10 to 13½ seers, best rice 10 to 35 seers, common rice 21 to 40 seers, gram 10 to 18 seers, and salt 8 to 9 seers.

PRICES-CURRENT of Food-grains, Firewood, and Salt in the

RETAIL SALE :—QUANTITIES PER RUPEE BY THE

Number.		DISTRICTS.		RETAIL SALE :—QUANTITIES PER RUPEE BY THE																							
				WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— CUMBOO, RAJRA.			GREAT MILLET— CHOLU, JOWAR.								
				Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.						
Eastern Districts—(Concluded.)																											
21	Chittagong	R 9 0	9 0	12 4	...	...	...	18 0	18 0	15 0	24 0	25 0	24 0	...	...	...	...	...	...		
22	Noakholly	S ...	...	...	...	...	...	28 0	28 0	22 0	32 0	32 0	29 0	...	...	...	...	...	...		
23	Tipperah	11 12	11 12	14 0	...	...	...	27 8	27 0	26 8	36 0	36 0	40 0	...	...	...	...	...	...		
24	Chittagong Hill Tracts.	...	...	...	...	...	...	13 5	13 5	16 0	16 0	16 0	17 8	...	...	...	...	...	...		
	Hill Tipperah	10 0	10 0	9 0	...	...	...	23 0	22 0	20 0	33 0	34 0	32 0	...	...	...	...	...	...		
BEHAR.																											
25	Patna	...	19 0	20 0	24 0	40 0	40 0	40 0	12 0	14 0	16 0	20 0	22 0	26 10	...	...	...	...	...			
26	Gya	T 16 0	18 8	21 0	36 0	37 0	40 0	11 8	12 0	14 0	23 0	25 0	26 0	...	...	...	32 0	36 0	...					
27	Shahabad	U 15 0 to 17 0 V	15 8 to 18 0	20 0 to 21 0	38 0	38 0	38 0	20 0 to 22 0	20 0 to 22 0	23 0 to 25 0	23 0 to 24 0	23 0 to 24 0	24 0	...	...	...	...	...	...		
28	Darbhanga	...	14 0	17 0	22 8	...	...	55 0	14 0	17 0	14 0	24 0	25 0	21 8	...	...	...	...	...			
29	Muzafferpore	W 14 0	16 0	20 0	40 0	45 0	40 0	13 0	13 0	11 0	21 0	22 0	22 0	...	...	...	...	...	...		
30	Sarun	X 16 0	16 8	19 0	45 0	44 0	45 0	10 0	10 0	10 4	23 0	23 0	22 0	...	...	...	44 0	45 0	39 0					
31	Chumparun	Y 17 0	20 0	23 0	50 0	50 0	46 0	12 0	14 0	14 0	28 0	31 0	23 0	...	...	...	...	...	...		
32	Monghyr	17 0	16 0	18 14	45 0	40 0	42 0	18 0	14 0	16 12	24 0	23 0	23 1	...	...	...	...	...	...		
33	Bhagulpore	Z 13 4	13 14	15 12	46 0	44 7	46 14	15 2	15 2	19 9	25 4	25 4	21 7	...	...	...	...	...	...		
34	Purneah	Z1 16 0	17 0	22 0	40 0	40 0	40 0	29 0	28 0	27 0	32 0	32 0	29 0	...	...	...	...	...	...		
35	Maldah	Z2 22 0	16 0	16 0	...	...	...	23 0	16 0	15 0	28 0	25 0	27 8	...	...	...	...	...	...		
36	Sonthal Perghs.	14 0	13 0	13 0	...	...	...	25 0	27 0	26 0	30 0	30 0	29 0	...	...	...	...	...	...		
ORISSA.																											
37	Cuttack	...	18 6	17 1	17 1	...	...	...	18 6	18 6	15 12	28 14	26 4	26 4	...	...	...	...	...			
38	Pooree	Z3 13 12	14 0	12 0	...	...	...	20 0	25 0	19 0	32 8	32 8	32 8	...	...	...	...	...	...		
39	Balasore	...	9 0	13 0	13 5	...	...	...	22 0	22 0	26 12	32 0	26 0	31 12	...	...	...	...	...			
CHOTA NAAGPORE.																											
South-Western Frontier Agency.																											
40	Hazareebagh	Z4 12 0	14 0	18 0	24 0	24 0	...	10 0	12 0	12 0	24 8	24 0	21 0	...	...	...	...	...	...		
41	Loharungga	Z5 13 0	15 0	17 0	...	24 0	...	22 0	24 0	24 0	26 0	28 0	27 0	...	...	...	...	...	...		
42	Singbhoon	...	21 0	21 0	14 0	40 0	40 0	32 0	32 0	32 0	36 0	36 0	36 0	...	...	...	...	...	...		
43	Mambhoon	Z6 12 0	15 0	13 0	...	...	24 0	21 0	20 0	20 0	32 0	34 0	32 0	...	...	...	...	...	32 0	

* In the interior price of common rice varies from 28½ to 37½ seers per rupee.

R In the interior prices range as follow :—Best rice 20 to 24 seers, common rice 26 to 32 seers, firewood (in Cox's Bazar) 214 seers, and salt 8 to 9 seers.

S In the interior prices range as follow :—Best rice 19 to 35 seers, common rice 29 to 40 seers, and salt 7 to 10 seers.

T In the interior prices range as follow :—Wheat 16 to 22 seers, barley 40 to 45 seers, best rice (in Jhanabad) 12 seers, common rice 12 to 26 seers, bulrush-millet (in Jhanabad) 22½ seers, lesser millets (in Nowada) 50 seers, maize or Indian-corn (in Nowada) 50 seers, gram 34 to 42 seers, firewood 2 to 5 maunds, and salt 5 to 9 seers.

U In the interior prices range as follow :—Wheat 16 to 17 seers, barley 34 to 36½ seers, best rice 11 to 15 seers, common rice 18 to 24½ seers, bulrush-millet (in Buxar) 32 seers, great millet (in Buxar) 30 seers, lesser millets 35 to 41½ seers, maize or Indian-corn 30 to 34 seers, gram 28½ to 31 seers, firewood 90 to 320 seers, and salt 8 to 9½ seers.

V In Madhubani prices are :—Wheat 20 seers, barley 60 seers, best rice 28 seers, common rice 32 seers, lesser millets 50 seers, maize or Indian-corn 60 seers, gram 28 seers, firewood 5 maunds, and salt 9 seers.

W In the interior prices range as follow :—Wheat 14 to 25 seers, barley 40 to 70 seers, best rice 13 to 35 seers, common rice 20 to 38 seers, lesser millets 40 to 75 seers, maize or Indian-corn 45 to 80 seers, gram 30 to 50 seers, firewood 3 to 9 maunds, and salt 5 to 10 seers.

X In the interior prices range as follow :—Wheat 18½ to 23 seers, barley 42 to 80 seers, best rice 14 to 27½ seers, common rice 19 to 35 seers, lesser millets 45 to 60 seers, maize or Indian-corn 50 to 70 seers, gram 23 to 40 seers, firewood (in Bettiah) 108 seers, and salt 8 to 10½ seers.

SEER OF 80 TOLAHS

Eastern Districts.—(Concluded).

BEHAR.

ORISSA

CHOTA NAGPORE.
South-Western Frontier Agency.

Y In Beguserai prices range as follow:—Wheat 20 seers, barley 80 seers, best rice 25 seers, common rice 26 seers, jowar 82 seers, lesser millets 60 seers, maize or Indian-corn 50 seers, gram 50 seers, firewood 4 maunds, and salt 8 seers.

Z In the interior prices range as follow:—Wheat 14 to 25 seers, barley (in Sopole) 60 seers, best rice 28 to 32½ seers, common rice 32 to 37½ seers, lesser millets 7½ seers, gram 25 to 26 seers, firewood 4 maunds, and salt 8 to 8½ seers.

Z1 In the interior prices range as follow:—Wheat 13 to 20 seers, barley 40 seers, best rice 16 to 27 seers, common rice 28 to 32 seers, gram 13 to 38 seers, firewood 64 to 120 seers, and salt 8 to 9 seers.

Z2 In the interior prices range as follow:—Wheat 14 to 16 seers, barley (in Godda) 27 seers, best rice 22 to 32 seers, common rice 26 to 37½ seers, maize or Indian-corn 45 to 62½ seers, gram 25 to 27 seers, firewood 128 to 240 seers, and salt 8 to 9 seers.

Z3 In Khorda prices are—Best rice 23½ seers, common rice 32½ seers, gram 18½ seers, firewood 190 seers, and salt 11 seers.

Z4 In the interior prices range as follow:—Wheat 14 to 16 seers, barley 28 to 40 seers, best rice 15 seers, common rice 22½ to 27 seers, lesser millets 35 to 60 seers, maize or Indian-corn 30 to 32 seers, gram 26 to 30 seers, firewood 200 to 320 seers, and salt 8½ to 9 seers.

Z5 In Lohardugga prices are—Wheat 21 seers, best rice 21 seers, common rice 30 seers, gram 28 seers, and salt 8½ seers.

Z6 In the interior prices range as follow:—Wheat 12 to 13 seers, barley (in Jhalda) 20 seers, best rice 23 to 33 seers, common rice 25 to 39 seers, bulrush millet (in Jhalda) 22 seers, maize or Indian-corn (in Burrabazar) 70 seers, gram 13 to 21 seers, firewood 5 to 20 maunds, and salt 8 to 10 seers.

COLMAN MACAULAY,
Offg. Secy. to the Govt. of Bengal.

WHOLESALE PRICES-CURRENT of Food-grains, Firewood, and Salt in

Number.	MARTS.	PRICES PER MAUND														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— CUMBOO, BAJRA.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	8 0 0	2 14 0	2 8 0	1 8 0	1 2 0	1 8 0	4 0 0	4 0 0	6 0 0	2 4 0	2 4 0	2 4 0	...	...	...
2	Serajunge ...	1 12 0	1 12 0	1 10 0	...	...	...	3 12 0	3 8 0	3 14 0	1 6 0	1 6 0	1 12 0	...	...	...
3	Dacca ...	2 15 0	3 3 0	2 14 0	0 15 0	1 0 0	0 13 0	1 9 0	1 11 0	1 8 0	1 3 0	1 3 0	1 3 0	...	...	...
4	Naraingunge..	...	...	...	...	...	...	1 5 0	1 5 0	1 8 0	1 4 0	1 3 0	1 5 0	...	...	...
5	Chittagong ...	...	...	...	...	...	...	2 0 0	2 0 0	2 9 0	1 9 0	1 8 0	1 10 0	...	...	...
6	Patna ...	2 0 0	2 0 0	1 10 9	0 14 0	0 13 3	1 0 0	3 0 0	2 14 0	2 8 0	1 13 0	1 13 0	1 8 0	...	...	...
7	Balasore ...	4 0 0	3 4 0	3 0 0	...	...	...	1 12 0	1 12 0	1 12 0	1 0 0	1 4 0	1 6 0	...	...	...
8	Pooree ...	...	...	...	...	...	...	...	...	...	1 4 0	1 4 0	1 4 0	...	...	...
9	Cuttack ...	2 0 0	2 2 0	2 2 0	...	...	...	2 0 0	2 0 0	2 5 0	1 5 0	1 8 0	1 8 0	...	...	...

CALCUTTA,

The 7th February 1882.

the undermentioned Mats of Bengal for the Fortnight ending 31st January 1882.

OF 40 SEERS.

GREAT MILLET— CHOLU, JOWAR.			LESSER MILLET— RAGI OR MURWA AND CHEENA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD.			SALT.			MATS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	
1 6 0	1 12 0	2 0 0	...	...	...	1 0 0	1 3 0	1 7 0	1 10 0	1 9 0	2 0 0	0 6 3	0 6 3	0 6 3	4 0 0	4 0 0	4 0 0	Calcutta.
...	2 2 0	2 2 0	2 7 0	...	...	...	4 1 0	4 3 0	4 0 6	Serajgunge.
...	1 8 0	1 8 0	1 14 0	0 6 0	0 6 0	5 0 0	3 12 0	3 14 0	4 2 0	Dacca.
...	1 12 0	1 12 0	2 2 0	0 7 0	0 8 0	0 8 0	3 12 0	3 12 0	4 4 0	Naraingunge.
...	3 11 0	3 11 0	...	Chittagong.
...	0 13 0	0 12 3	1 0 0	1 0 0	1 0 0	1 2 0	0 5 0	0 5 0	0 6 3	3 15 0	6 4 0	...	Patna.
...	2 8 0	2 8 0	3 0 0	0 5 0	0 5 0	0 7 0	3 12 0	3 12 0	4 6 0	Balasore.
...	3 6 0	3 6 0	...	Pooree.
...	2 10 0	2 10 0	2 10 0	...	...	...	1 9 0	1 9 0	1 6 0	0 4 0	0 4 0	4 0 0	3 8 0	3 8 0	3 8 0	Cuttack.

Published for general information.

COLMAN MACAULAY,
Offg. Secy. to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

STOCKS IN HAND AS COMPILED ON—													
NAMES OF MARKS.	1st week of Feb. 1881.	1st week of Mar. 1881.	1st week of April 1881.	1st week of May 1881.	1st week of June 1881.	1st week of July 1881.	1st week of Aug. 1881.	1st week of Sept. 1881.	2nd week of Oct. 1881.	1st week of Nov. 1881.	1st week of Dec. 1881.	1st week of Jan. 1882.	1st week of Feb. 1882.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Bahaghatia	4,15,000	3,92,000	3,90,000	3,98,500	4,15,000	3,78,000	3,19,500	2,83,600	3,10,000	2,48,000	2,01,000	2,95,000	4,78,500
Ooradanga	43,500	58,900	71,900	69,700	67,800	62,200	61,300	59,200	47,300	41,400	41,900	43,200	41,900
Chitpore, Golabaree, Coomer- tooly, Hakkhola, and Culpay Ghat.	5,61,700	5,82,800	6,96,000	6,67,300	6,40,700	6,18,700	6,29,500	6,23,400	5,85,400	7,45,300	7,55,000	7,50,300	6,19,700
Pathurichhatia, Posta, and Jorabagan.	34,500	40,800	37,500	37,000	35,000	29,500	28,500	24,000	29,000	35,700	24,000	25,700	24,500
Tollygunge, Chitlah, Kidderpore, and Moonshegunge.	1,18,200	1,39,100	1,26,300	1,20,500	1,18,400	1,12,300	1,52,000	1,32,900	1,23,900	95,400	83,300	96,000	1,48,250
31 Minor Bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,129 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Foidshahaty, Nowabgunge, Bhuddressur, and Chander- nagore.	77,200	87,677	64,200	50,453	32,119	36,094	86,100	68,400	65,155	42,700	20,551	38,325	15,919
Total ...	17,38,100	17,90,477	18,75,900	18,33,453	17,99,019	17,33,794	17,66,900	17,07,500	16,50,755	16,98,500	16,16,781	17,65,525	18,18,769
On Railway premises on both sides of the river.	4,710 (on 2nd Feb. 81.)	1,586 (on 3rd Mar. 81.)	4,612 (on 4th April 81.)	3,342 (on 4th May 81.)	780 (on 3rd June 81.)	1,069 (on 5th July 81.)	..... (1st to 3rd Aug. 81.)	1,374 (on 3rd Sept. 81.)	2,858 (on 15th Oct. 81.)	800 (on 5th Nov. 81.)	5,218 (on 3rd Dec. 81.)	7,696 (on 3rd Jan. 82.)	6,173 (on 3rd Feb. 82.)
By Port Com- missioners' re- turns.	58,993 (31st Jan. to 2nd Feb. 81.)	53,125 (1st to 3rd Mar. 81.)	49,887 (1st to 3rd April 81.)	50,115 (1st to 3rd May 81.)	19,983 (1st to 3rd June 81.)	32,317 (3rd to 5th July 81.)	48,546 (1st to 3rd Aug. 81.)	37,825 (1st to 3rd Sept. 81.)	37,198 (13th to 15th Oct. 81.)	13,895 (4th to 6th Nov. 81.)	28,143 (1st to 3rd Dec. 81.)	61,988 (1st to 3rd Jan. 82.)	58,395 (1st to 3rd Feb. 82.)
By Canal returns	1,68,010 (31st Jan. to 2nd Feb. 81.)	1,37,639 (1st to 3rd Mar. 81.)	62,534 (1st to 3rd April 81.)	59,567 (1st to 3rd May 81.)	53,163 (1st to 3rd June 81.)	49,359 (3rd to 5th July 81.)	53,643 (1st to 3rd Aug. 81.)	69,078 (1st to 3rd Sept. 81.)	49,031 (13th to 15th Oct. 81.)	35,324 (4th to 6th Nov. 81.)	38,084 (1st to 3rd Dec. 81.)	1,13,468 (1st to 3rd Jan. 82.)	1,03,607 (1st to 3rd Feb. 82.)
Grand Total of Stocks ...	18,79,505	19,81,927	19,92,933	19,16,477	18,71,245	18,06,530	18,69,089	18,96,777	17,39,543	17,49,019	16,78,226	19,49,037	20,21,801
Probable stocks available for exportation by sea.	9½ lakhs.	9½ lakhs.	9½ lakhs.	8½ lakhs.	8½ lakhs.	7½ lakhs.	8 lakhs.	7½ lakhs.	7 lakhs.	7 lakhs.	6½ lakhs.	9 lakhs.	10 lakhs.

STATISTICAL DEPARTMENT,
The 6th February 1882

COLMAN MACAULAY,
Offg. Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from
29th January to 4th February 1882.

Month.	Date.	Maximum in sun.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Miles recorded.	Rain.	WEATHER.
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.				
1882.		☉	Inches.	☉	☉	☉	☉	☉	Inches	☉	%.				Inches.	
Jan.	29th	141.6	29.965	70.5	84.2	23.3	60.9	63.4	0.491	58.4	69	SW by W, and W by S ...	64	Nil	Partially cloudy, ☉, ☁.	
"	30th	139.2	.969	72.1	83.6	24.0	59.6	66.9	.590	63.6	77	SW, and SW by W ...	75	"	Chiefly clear, ☉, ☁.	
"	31st	137.1	.969	73.8	84.3	24.8	59.5	69.8	.680	67.7	83	SW by W, and SSW ...	77	"	Morning cloudy, day and night clear, ☉, ☁.	
Feb.	1st	139.8	.947	74.7	88.5	23.8	64.7	68.8	.628	65.4	76	SSW and WSW ...	116	"	Chiefly clear, ☁.	
"	2nd	136.1	.927	72.8	82.6	17.5	65.1	65.6	.532	60.7	68	NNW and NW ...	96	"	Chiefly clear, ☉, ☁.	
"	3rd	132.6	.989	68.6	77.6	14.4	63.2	59.0	.374	50.9	55	NW and NNW ...	96	"	Chiefly clear, ☉, ☁.	
"	4th	132.6	30.036	64.9	77.0	20.4	56.6	54.5	.288	43.9	47	NE by N, and NW by W...	94	"	Clear, ☉, ☁.	

The mean pressure of the seven days ... 29.972
The average pressure of the corresponding period for 24 years, S. G. Office ... 29.983

☉
The mean temperature of the seven days ... 71.1
The average temperature of the corresponding period for 24 years, S. G. Office ... 69.5
The extreme variation of temperature during the seven days ... 31.9
The maximum temperature during the seven days ... 88.5

Miles.
The highest velocity of the wind in one hour during the seven days ... 13

lb.
The highest pressure of the wind on one square foot during the seven days ... Not measurable.

%
The mean relative humidity during the seven days ... 68
The average relative humidity of the corresponding period for 24 years, S. G. Office ... 71

Inches.
The total fall of rain from 29th January to 4th February 1882 ... Nil.
The average fall of the corresponding period for 24 years, S. G. Office ... 0.19
The total fall from 1st January to 4th February 1882 ... 0.13
The average fall of the corresponding period for 24 years, S. G. Office ... 0.47

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The thermometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

☉ fog, ☁ dew, ☉ overcast, ☉ gloomy.

JOHN ELIOT,

METEOROLOGICAL OFFICE, INDIA,
The 6th February 1882.

Offg. Meteorological Reporter to the Government of India.

**Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 29th January to 4th February 1882.**

MONTH.	Date.	TEMPERATURE.				HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.	Vapour tension.	Dew point.	Humidity.	
1882.		°	°	°	°	Inches.	°	%	Inches.
January	29th ...	73.5	86.5	24.1	62.4	.501	59.0	64	Nil.
"	30th ...	74.8	86.8	20.9	65.9	.565	62.4	68	"
"	31st ...	75.9	86.8	18.0	68.8	.675	67.5	76	"
February	1st ...	75.9	90.8	25.9	64.9	.617	65.0	70	"
"	2nd ...	73.9	86.3	20.4	65.9	.463	56.8	56	"
"	3rd ...	69.8	81.8	17.7	64.1	.290	44.2	40	"
"	4th ...	67.1	79.6	22.2	57.4	.291	44.2	46	"

The mean temperature of the seven days 73.0
The extreme variation of temperature during the seven days 33.4
The maximum temperature during the seven days 90.8

The mean relative humidity during the seven days 60

The total fall of rain from 29th January to 4th February 1882 Nil.

The mean temperature is obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

The means of the hygrometric elements are the crude means of the values derived from the three readings of the instruments.

METEOROLOGICAL OFFICE, INDIA,
The 6th February 1882.

JOHN ELIOT,
Offg. Meteorological Reporter to the Govt. of India.

**Abstract of the results of Thermometric Observations taken at the Meteorological
Office, Chowringhee, in the month of January 1882.**

		☉	Date.
The mean temperature during the month	...	69.5	
The highest temperature during the month	...	86.8	27th, 30th & 31st
The lowest temperature during the month	...	53.4	8th
The range of temperature during the month	...	33.4	
The mean daily range of temperature during the month	...	20.8	
The greatest range of temperature in one day during the month	...	24.9	22nd
		%	
The mean humidity during the month	...	67	
		Inches.	
The mean vapour tension during the month	...	0.484	
The total rainfall of the month	...	0.10	
The greatest fall in 24 hours	...	0.10	5th
The number of rainy days in the month	...	1	

JOHN ELIOT,
Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 6th February 1882.

**Abstract of the results of Meteorological Observations taken at the Alipore
Observatory in the month of January 1882.**

	Inches.	Date.	Hour.
The mean pressure of the month ...	30.039		
The average pressure of 24 years ...	30.014		
The highest pressure during the month ...	30.252	19th	10h.
The lowest pressure during the month ...	29.829	26th & 27th	16h.
The range of pressure during the month ...	0.423		
°			
The mean temperature during the month ...	67.3		
The average temperature of 24 years ...	67.2 ^{300 2}		
The highest temperature during the month ...	84.7	27th	
The lowest temperature during the month ...	51.	9th	
The range of temperature during the month ...	32.6 ⁶⁶		
The mean daily range of temperature during the month ...	22.5		
The greatest range of temperature in one day during the month ...	29.0	24th	
Per cent.			
The mean humidity during the month ...	73		
The average humidity of 24 years ...	71		
Inches.			
The mean vapour tension during the month ...	0.483		
The average vapour tension of 9 years ...	0.467		
The mean cloud proportion of the month ...	1.21		
The total rainfall of the month ...	0.13		
The total rainfall of the month indicated by a Beckley's self-registering rain-gauge (mouth of the gauge 50.5 feet high),	0.11		
The average fall of 48 years ...	0.43		
The greatest fall in 24 hours ...	0.12	5th	
Days.			
The number of rainy days in the month ...	2		
The average number of rainy days of 24 years ...	2		
°			
The mean maximum equilibrium temperature of solar radiation of the month ...	134.3		
The mean difference of sun and air temperatures ...	55.2		
The greatest sun temperature ...	144.2	11th	
The greatest excess of sun over air temperature ...	63.9	11th	
The mean temperature of nocturnal radiation thermometer on woollen cloth ...	48.8		
The mean depression of nocturnal radiation thermometer below the minimum of air ...	7.9		
The greatest depression of nocturnal radiation thermometer below the minimum of air ...	12.5	21st	
Miles.			
The mean movement of the wind per day ...	53.2		
The greatest movement of the wind in one day ...	97.0	9th	
The greatest movement of the wind in one hour ...	15.0	24th 11 to noon.	
The number of hours under each of the 8 points—			

N. 82, NE. 32, E. 2, SE. 1, S. 9, SW. 100, W. 90, NW. 45, Calm 144.*

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park-street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 2.8° lower; and finally, the thermometer, which has furnished the record of temperature at the Surveyor-General's Office during the last 20 years and upwards, is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

* The Anemograph was under repair and did not therefore work for 239 hours.

METEOROLOGICAL OFFICE, INDIA,
The 7th February 1882.

JOHN ELIOT,
Offg. Meteorological Reporter to the Govt. of India.*

Report of Fluctuation of Traffic on the Eastern Bengal Railway for the five weeks ending 26th November 1881.

EASTERN BENGAL RAILWAY COMPANY, TRAFFIC SUPERINTENDENT'S OFFICE, SEALDAH TERMINUS.

Dated Calcutta, the 17th January 1882.

From—W. INNES, Esq., Traffic Superintendent, E. B. Railway,
To—The Agent, Eastern Bengal Railway Company.

From the attached report of traffic for five weeks ending 26th November 1881, it will be seen that 15,40,629 maunds of goods were carried over this Railway during that period, and comparing this quantity with that carried during the corresponding period of 1880, an increase of 3,13,068 maunds is shown.

On a perusal of the report, it will be seen that the increase is due to the heavy traffic in gunny, jute, railway materials, salt, tea, and miscellaneous goods.

		Increases.	
Gunny, bundles of	...	Mds.	23,766
Do., bales of	...	Do.	1,472
The increase under this heading is due to an active demand.	...		
Jute, in drums	...	Mds.	2,49,534
The increase under this heading is due to large imports during the month of October.	...		
Railway materials	...	Mds.	1,0,161
The increase is due to large quantities of rails and stores having been forwarded to the Northern Bengal State Railway and Darjeeling Himalayan Railway during the period under review.	...		
Salt	...	Mds.	40,509
The increase under this heading is due to a steady demand.	...		
Tea, Indian	...	Mds.	2,209
The increase is due to a brisk demand in the market.	...		
Miscellaneous goods	...	Mds.	1,90,613
The large increase periodically reported under this heading still continues, which is accounted for by the increased facilities offered to the public for conveyance of such goods.	...		
		Decreases.	
Cotton, bales	...	Mds.	2,793
There is little demand for this staple with a dull market.	...		
Grain, including rice	...	Mds.	1,72,025
There has been a full market with very little demand for export.	...		
Hides, bundles of	...	Mds.	2,130
Do., bales of	...	Do.	348
The decrease is owing to there being no demand for export.	...		
Bales of jute	...	Mds.	6,491
The decrease is due to the dull state of the Home market.	...		
Piece-goods, European	...	Mds.	1,124
Ditto, Indian	...	Do.	136
The decrease is due to there being no up-country demands.	...		
Seeds	...	Mds.	18,192
The decrease is accounted for by there having been no exports, and prices having considerably fallen.	...		
Tobacco, bundles of	...	Mds.	5,661
Beyond what has been purchased for local consumption, no business has been done.	...		
Turmeric	...	Mds.	1,339
The decrease is accounted for by the small demand for export.	...		
Twist, European	...	Mds.	1,063
Do., Indian	...	Do.	214
The decrease is due to the market being dull and low price, &c.	...		

EASTERN BENGAL RAILWAY.

Statement showing Increases and Decreases in Maundage of Staples carried over this Line for the five weeks ending 26th of November 1881, as compared with that of the corresponding period of 1880.

DESCRIPTION OF GOODS.	Down.	Down.	Up.	Up.	Total.	Total.	Increase.	Decrease.
	1880.	1881.	1880.	1881.	1880.	1881.		
Alt, beer, wine, &c.	...	...	1,745	2,202	1,745	2,202	457	...
Cotton, bundles of	1,020	1,712	1,006	662	2,026	2,274	248	...
Do., bales of	...	...	2,793	...	2,793	...	...	2,793
Grain, including rice	2,33,816	68,941	12,221	3,571	2,34,537	62,512	...	1,72,025
Gunny, bundles of	7,386	29,782	1,845	3,215	9,231	32,997	23,766	...
Do., bales of	1,118	11,773	183	...	10,301	11,773	1,472	...
Hides, bundles of	12,043	9,891	9	31	12,052	9,922	...	2,130
Do., bales of	348	...	...	...	348	...	...	348
Jute, drums of	5,07,402	7,58,090	729	1,569	5,08,125	7,57,659	2,49,534	...
Do., bales of	65,436	69,503	58	...	65,994	69,503	...	6,491
Piece-goods, European	116	190	48,142	46,044	48,258	47,34	...	1,124
Ditto, Indian	136	...	...	...	136	...	...	136
Railway material, foreign	...	16,795	986	352	986	16,147	...	16,161
Salt	62	...	82,410	1,22,981	82,472	1,22,981	40,509	...
Seeds	27,589	4,708	1,953	6,642	29,542	11,350	...	18,192
Sugar	3,071	4,107	5,026	4,695	8,097	8,702	605	...
Tea, European	...	...	...	...	...	...	...	...
Do., Indian	22,263	24,457	...	15	22,263	24,472	2,209	...
Tobacco, bundles of	23,816	18,153	594	596	24,410	18,749	...	5,661
Do., bales of	...	...	...	...	...	...	...	...
Turmeric	3,178	1,851	148	146	3,326	1,991	...	1,339
Twist, European	18	92	5,230	4,043	5,248	4,186	...	1,063
Do., Indian	2,510	2,013	7	200	2,517	2,303	...	214
Miscellaneous goods	18,693	1,36,703	1,34,456	2,07,064	1,53,154	3,43,767	1,90,613	...
Total	9,27,546	11,35,761	8,00,015	4,04,868	12,27,561	15,40,629	3,13,068	2,11,506
						12,27,561	2,11,506	...
						Increase	3,13,068	2,11,506

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 28th January 1882, on 1,504½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	256,337	Rs. A. P. 4,38,677 14 0	Mds. s. 21,23,168 0	Rs. A. P. 7,09,444 9 0	Rs. A. P. 23,408 0 0	Rs. A. P. 11,71,528 7 0	59,701½	123,820½	183,521½
Or per mile of railway	.....	291 10 0	.....	471 10 0	15 9 0	778 13 0	.....	.....	.....
For previous 3 weeks of half-year	840,374	15,15,723 2 0	63,76,035 0	20,51,127 9 6	38,975 0 0	36,95,825 11 6	165,251½	373,247½	538,498½
Total for 4 weeks	1,096,711	19,54,401 0 0	85,04,251 0	27,60,522 2 6	62,381 0 0	47,77,354 2 6	224,953	497,067½	722,020½
COMPARISON.									
Total for corresponding week of previous year	168,557½	2,67,496 12 5	31,68,928 10	6,41,368 8 3	26,576 14 2	9,35,442 2 10	48,519	110,439	158,958
Per mile of railway corresponding week of previous year	.....	177 13 3	.....	426 5 11	17 10 8	621 13 10	.....	.....	.....
Total to corresponding date of previous year	630,410	10,13,189 4 8	83,62,917 0	20,72,703 7 1	183,561 14 9	40,69,454 10 6	209,223	505,213	714,446

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 28th January 1882, on 171½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	42,286	Rs. A. P. 31,673 0 0	Mds. s. 2,82,080 0	Rs. A. P. 52,950 0 0*	Rs. A. P. 207 0 0	Rs. A. P. 84,830 0 0	5,934½	7,921½	13,856½
Or per mile of railway	246	184 6 7	1,642 13	308 4 9	1 3 3	493 14 7	.....	.....	.....
For previous 3 weeks of half-year	119,555	85,177 0 0	6,98,105 0	1,33,147 0 0	425 0 0	2,18,749 0 0	17,737½	23,226	40,963½
Total for 4 weeks	161,841	116,850 0 0	9,50,185 0	1,86,097 0 0	632 0 0	3,03,579 0 0	23,672½	31,147½	54,820½
COMPARISON.									
Total for corresponding week of previous year	40,761	34,217 0 0	2,30,474 0	48,872 0 0	181 0 0	83,270 0 0	5,790½	7,390	13,680½
Per mile of railway corresponding week of previous year	237	199 3 7	1,341 37	284 8 10	1 0 11	484 13 4	.....	.....	.....
Total to corresponding date of previous year	171,488½	119,105 0 0	9,05,306 0	1,79,133 0 0	632 0 0	2,98,370 0 0	24,056	28,501½	52,557½

* Rs. 117 included on account carriage of Revenue stores.

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts.

No. 49.

Latest return received.	Name of Railway.	Length open.	RECEIPTS FOR WEEK ENDING		TOTAL RECEIPTS FROM 1ST JANUARY		Total increase in 1881.	Total decrease in 1881.	Percentage of increase or decrease.
			18th December 1880.	17th December 1881.	To 18th December 1880.	To 17th December 1881.			
17th Dec. 1881	Northern Bengal	Miles. 230	Rs. A. P. 39,602 0 0	Rs. A. P. 43,069 0 0	Rs. A. P. 15,29,483 0 0	Rs. A. P. 17,27,144 0 0	Rs. A. P. 1,07,663 0 0	.....	+13
24th ditto	Tirhoot	82	13,991 0 0	15,893 0 0	5,21,911 0 0	5,47,557 0 0	25,646 0 0	.....	+4
24th Dec.	Patna-Gya	57	9,287 0 0	10,335 0 0	4,61,060 0 0	4,86,962 0 0	25,902 0 0	.....	+5
7th Jan. 1882	Calcutta and South-Eastern	28	2,006 0 0	2,151 0 0	1,35,254 0 0	1,45,564 0 0	10,310 0 0	.....	+7
24th Dec. 1881	Nalhati	27½	1,380 0 0	1,484 0 0	67,426 0 0	63,767 0 0	.....	3,659	-5
	Total	424½	66,666 0 0	72,971 0 0	27,15,133 0 0	29,70,994 0 0	2,55,861 0 0	.....	+9



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, FEBRUARY 15, 1882.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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DISTRICT ROAD FUND.

Calcutta, the 8th February 1882.

No. 471RC.

READ—

Letter from the Accountant-General, Bengal, No. 716LF, dated the 31st January 1882, submitting an abstract of receipts and expenditure of the several District (Road) Committees in Bengal, for the quarter ending the 30th September 1881.

RESOLUTION.

THE Lieutenant-Governor directs that the accounts of the receipts and expenditure of the several District (Road) Committees for the fourth quarter of the cess-year 1880-81 be published in the *Calcutta Gazette* and be circulated to the officers concerned.

ORDER.—Ordered that a copy of this Resolution, together with a copy of the abstract of receipts and expenditure, be published in the Supplement to the *Calcutta Gazette*.

Ordered also, that a copy of this Resolution, and of the abstract referred to, be forwarded to all Commissioners of Divisions, to all Superintending Engineers of Public Works Circles in Bengal, and to the Financial Department of this Government for information.

By order of the Lieutenant-Governor of Bengal,

G. F. E. S. NEILL, *Major, M.S.C.*,

*Asst. Secy. to the Government of Bengal,
P. W. Dept.*

DISTRICT

Statement of Receipts and Expenditure of the several District
ending 30th

RECE

PUBLIC

DISTRICTS.	Balance in treasury on 30th June 1881.	PROVINCIAL RATES.					PUBLIC	
		Cess on lands.	Cess on mines and railways.	Cess on houses.	One per cent. road cess.	Total.	Road tolls.	Ferry tolls.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1 Burdwan	72,917 8 3	26,671 8 2	7,239 11 6	.....	10 10 0	33,921 13 8	.....	.....
Bankoora	27,741 8 9	7,658 9 9	.....	.....	35 13 9	7,694 7 6	.....	.....
Beerbhoom	10,752 4 9	11,235 3 0	.....	.....	.....	11,235 3 0	.....	.....
Midnapore	25,847 9 10	34,772 10 3	.....	.....	17 7 8	34,790 1 11	.....	.....
6 Hooghly and Howrah	64,371 6 9	24,269 8 1	.....	.....	7 9 5	24,277 1 6	.....	.....
24 Pergunnahs...	38,681 4 9	24,449 14 4	.....	.....	59 8 3	24,509 6 7	.....	.....
Nuddea	33,216 4 3	14,992 12 1	.....	.....	6 9 0	14,998 12 1	.....	.....
Jessore	15,675 0 11	24,557 5 7	.....	.....	18 8 4	24,573 13 11	.....	.....
Moorshedabad	33,748 6 10	13,294 5 10	.....	.....	64 13 11	13,269 3 9	.....	.....
10 Dinapore	19,793 3 7	18,633 10 5	.....	.....	28 7 0	18,722 1 5	.....	.....
Rajshahye	35,889 6 3	18,369 13 6	.....	.....	.....	18,369 13 6	.....	.....
Rungpore	26,620 13 1	33,426 6 11	.....	.....	89 9 0	33,515 15 11	.....	33 10 0
Bogra	6,754 9 11	11,217 12 0	.....	.....	.....	11,217 12 0	.....	.....
Pubna	9,145 5 7	10,735 5 10	.....	.....	23 15 0	10,759 4 10	.....	.....
15 Darjeeling	17,498 0 5	3,224 7 7	1,412 13 6	.....	.....	4,637 5 1	.....	.....
Julmiree	26,639 10 3	9,111 14 4	.....	.....	.....	9,111 14 4	.....	.....
Dacca	48,001 8 3	14,587 4 9	.....	.....	55 14 3	14,643 3 0	.....	.....
Furzedpore	33,922 16 9	13,312 10 1	.....	.....	6 10 0	13,319 4 1	.....	65 0 0
Backergunge	81,177 15 0	25,091 14 5	.....	.....	148 10 9	25,240 9 2	.....	.....
20 Tipperah	23,799 6 9	19,955 3 8	.....	.....	1,773 0 6	21,728 4 2	.....	.....
Mymensingh	66,196 2 2	33,929 14 6	.....	.....	41 7 6	33,971 6 0	.....	.....
Chittagong	93,608 16 8	15,923 7 5	.....	.....	22 10 3	15,946 1 8	.....	.....
Noakholly	1,01,995 7 9	11,696 0 7	.....	.....	277 5 6	11,973 6 1	.....	.....
Patna	1,55,120 15 1	20,595 6 2	.....	.....	125 15 11	20,721 6 1	.....	.....
25 Gya	1,67,801 2 8	33,515 2 0	2 13 0	.....	75 1 0	33,593 9 0	.....	.....
Shahabad	18,281 13 6	40,033 15 5	1 8 11	.....	.....	40,035 8 4	.....	.....
Mozufferpore	22,614 15 2	20,731 12 5	.....	.....	20 3 6	20,751 15 11	.....	.....
Durbhunga	8,435 15 9	15,059 11 1	.....	.....	10 0 2	15,069 11 3	.....	.....
Sarun	57,352 9 11	25,422 10 8	.....	.....	.....	25,422 10 8	.....	.....
30 Champaran	15,502 12 3	17,572 13 6	.....	.....	.....	17,572 13 6	.....	.....
Monghyr	98,318 2 5	20,759 4 10	.....	.....	5 11 0	20,764 15 10	.....	.....
Bagulpore	63,079 4 0	15,324 5 1	.....	.....	2 1 0	15,326 6 1	.....	.....
Purneah	51,641 9 10	11,599 10 8	.....	.....	7 4 9	11,606 15 5	.....	.....
Maldah	3,288 4 1	6,517 15 7	.....	.....	.....	6,517 15 7	.....	.....
35 Cuttack	14,384 11 7	1,790 3 7	.....	.....	.....	1,790 3 7	.....	.....
Pooree	16,841 3 3	1,027 9 7	.....	.....	.....	1,027 9 7	.....	.....
Balasore	14,545 13 4	2,091 2 0	.....	.....	.....	2,091 2 0	.....	.....
Hazaribagh	30,904 12 11	7,506 0 0	1,717 2 5	.....	.....	9,223 2 5	.....	.....
Lohardugga	23,995 5 7	10,870 12 2	6 5 1	.....	.....	10,877 1 3	.....	.....
40 Manbhoom	5,925 6 0	6,576 11 7	201 0 6	.....	.....	6,777 12 1	.....	.....
Total	16,80,684 7 10	6,77,062 13 5	10,581 6 11	.....	2,925 6 5	6,90,569 10 9	.....	98 10 0
NON-CESS DISTRICTS.								
41 Chittagong Hill Tracts	5,061 1 7	.....	.....	.....	1 12 4	1 12 4	.....	.....
42 Sonthal Pergunnahs	25,558 3 2	.....	.....	.....	.....	.....	.....	.....
43 Singbhoom	9,650 15 6	.....	.....	.....	.....	.....	.....	.....
Total	40,270 4 3	.....	.....	.....	1 12 4	1 12 4	.....	.....
GRAND TOTAL	17,20,954 12 1	6,77,062 13 5	10,581 6 11	.....	2,927 2 9	6,90,571 7 1	.....	98 10 0

FORT WILLIAM,

The 6th January 1882.

IPTS.

WORKS.		IRRIGATION.		MISCELLANEOUS.			DISTRICTS.
Total.		Canal tolls.	Rents of serais and bungalows.	Fees, fines, and forfeitures.	Miscellaneous.	Total.	
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
.....	7 0 0	99 8 0	1,059 3 9	1,165 11 9	Burdwan	1
.....	1 0 0	628 6 11	604 6 0	1,233 12 11	Bankoorah	2
.....	11 8 0	82 12 0	381 14 3	476 2 3	Beerbhoom	3
.....	7 0 0	795 3 6	1,088 10 6	1,890 14 0	Midnapore	4
.....	258 0 0	.....	429 14 3	1,064 9 9	1,434 8 0	Hoozhly and Howrah	5
.....	2,319 8 0	867 9 6	3,187 1 6	24-Pergunnahs	6
.....	13 0 0	249 1 6	2,679 0 0	2,941 1 6	Nuddea	7
.....	1,011 12 6	1,011 12 6	Jessore	8
.....	198 6 0	934 6 9	1,132 12 9	Moorshedabad	9
.....	360 13 6	427 7 8	728 5 2	Dinapore	10
.....	2 10 0	1,283 8 9	1,286 2 9	Rajshahye	11
33 10 0	56 0 0	261 5 11	566 5 0	823 10 11	Rungpore	12
.....	76 2 9	940 10 10	1,016 13 7	Bogra	13
.....	175 8 0	932 10 2	1,108 2 2	Puona	14
.....	45 0 0	45 0 0	Darjeeling	15
.....	80 10 0	23 12 11	4,863 0 11	4,967 7 10	Julpigoree	16
.....	277 11 4	952 7 10	1,230 3 2	Dacca	17
65 0 0	2 0 0	1,103 13 0	710 9 11	1,816 6 11	Furzedpore	18
.....	4,850 3 6	1,062 5 0	5,912 8 6	Backergunge	19
.....	243 14 5	3,236 3 11	3,480 2 4	Tippurah	20
.....	383 10 9	1,556 12 6	2,329 7 3	Mymensingh	21
.....	2,061 4 4	.....	22 0 0	4,023 0 0	4,045 0 0	Chittagong	22
.....	2 8 0	1,015 0 1	1,017 8 1	Noakholly	23
.....	514 12 0	1,789 7 10	739 8 0	3,043 11 10	Patna	24
.....	1 0 0	1,196 12 0	571 11 7	1,769 7 7	Gya	25
.....	263 0 0	1,592 5 9	4,256 7 9	6,051 13 6	Shahabad	26
.....	139 0 0	385 7 6	1,520 3 0	2,044 10 6	Mozufferpore	27
.....	151 8 0	1,030 0 3	1,382 6 8	2,513 14 11	Durbhunga	28
.....	142 8 0	420 10 10	1,625 8 8	2,188 11 6	Sarun	29
.....	664 1 0	664 1 0	Chumparun	30
.....	845 7 7	905 14 4	1,751 5 11	Monchyr	31
.....	-5 8 0	566 13 0	816 11 4	1,378 0 4	Bhagulpore	32
.....	198 4 0	1,199 9 10	1,397 13 10	Purneah	33
.....	213 4 5	409 7 0	622 11 5	Maldah	34
.....	26 0 11	1,113 2 8	1,027 15 4	2,167 2 11	Cuttack	35
.....	2 0 0	68 14 2	358 5 6	429 3 8	Pooree	36
.....	87 8 0	402 8 0	358 0 5	848 0 5	Balasore	37
.....	20 8 0	1,712 10 5	385 0 3	2,118 2 8	Hazaribagh	38
.....	59 12 0	450 0 0	509 12 0	Lohardugga	39
.....	178 6 0	366 0 0	252 2 3	736 8 3	Manbhoom	40
98 10 0	2,319 4 4	1,638 12 11	24,768 6 8	48,099 12 6	74,507 0 1	Total.	
.....	91 0 0	.....	23 6 3	114 6 3	Chittagong Hill Tracts	41
.....	10 0 0	.....	10 0 0	Sonthal Pergunnahs	42
.....	91 0 0	10 0 0	23 6 3	124 6 3	Singbhoom	43
98 10 0	2,319 4 4	1,729 12 11	24,778 6 8	48,123 2 9	74,631 6 4	GRAND TOTAL.	

Cess Districts.

Non-cess Districts.

DISTRICTS.	Grant from Government.	SUSPENSE ACCOUNT.			Total receipts.
		Advances.	Deposits.	Total.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1 Burdwan	4,337 11 9	675 0 0	5,012 11 9	49,100 5 2
Bankoora	115 12 0	278 0 0	393 12 0	9,322 7 8
Beerbhoom	11,711 5
Midnapore	15,208 8 6	.....	15,208 8 6	51,889 8
5 Hooghly and Howrah	9,718 7 11	177 0 0	9,895 7 11	35,895 1 5
24 Pergunnahs	27,687 8 1
Nuddea	2,162 12 0	.....	2,162 12 0	20,102 9 7
Jessore	25,587 10 5
Moorsshedabad	2,917 5 8	601 12 3	3,519 1 11	17,921 2 5
10 Dinapore	30,000 0 0	7,901 9 3	111 8 0	7,173 1 3	56,023 7 10
Rajshahye	4,280 8 5	.....	4,280 8 5	23,876 8 8
Rampur	10,000 0 0	4,467 10 3	.....	4,467 10 3	48,840 15 1
Bogra	14,863 0 70	9,667 14 9	.....	9,667 14 9	36,265 8 4
Pubna	575 5 0	.....	575 5 0	12,442 12 0
15 Darjeeling	7,074 14 3	0 6 1	7,075 4 4	11,757 9 5
Julpigoree	1,654 1 3	.....	1,654 1 3	15,733 7 5
Dacca	1,590 5 3	.....	1,590 5 3	17,463 11 5
Furzedpore	719 8 0	2,506 0 0	3,225 8 0	18,426 3 0
Back-sungu	1,540 10 9	1,975 0 0	4,515 10 9	35,668 12 5
20 Tipperah	3 4 0	.....	3 4 0	25,211 10 6
Mymensingh	8,104 4 0	550 0 0	8,654 4 0	44,046 1 3
Chittarong	7,879 10 9	.....	7,879 10 9	29,932 0 9
Noakholly	12,990 14 2
Patna	7,740 13 6	808 10 0	8,549 7 6	32,314 9 5
25 Gya	976 6 3	1,101 10 1	2,078 0 4	37,440 7 11
Shahabad	7,028 3 6	.....	7,028 3 6	53,115 9 4
Mozufferpore	2,590 0 0	.....	2,590 0 0	25,386 10 5
Durbhunga	9,499 7 4	.....	9,499 7 4	27,083 1 6
Sarun	15,259 15 7	.....	15,259 15 7	42,871 5 9
30 Chumparun	10,191 4 10	.....	10,191 4 10	28,428 3 4
Monghyr	667 1 0	1,245 0 0	1,912 1 0	24,428 6 9
Bhagulpore	11,079 4 8	5,047 3 9	16,126 8 5	32,830 14 10
Furneah	6,260 9 9	.....	6,260 9 9	19,265 7 0
Maldah	4,796 11 10	.....	4,796 11 10	11,937 6 10
35 Cuttack	3,957 6 6
Poorce	1,521 6 6	.....	1,521 6 6	2,978 3 9
Balasore	729 2 2	.....	729 2 2	3,668 4 7
Hazaribagh	160 0 0	1,969 15 7	2,129 15 7	13,471 4 3
Lohardugga	3,212 13 0	.....	3,212 13 0	14,599 10 3
40 Manbhoom	7,514 4 4
Total	54,363 0 0	1,70,793 7 8	18,047 1 9	1,88,840 9 5	10,10,698 2 7
Non-Cess Districts.					
41 Chittarong Hill Tracts	164 14 9	.....	164 14 9	164 14 9
42 Sonthal Pergunnahs	50 0 0	.....	50 0 0	106 2 7
43 Singbhoom	10 0 0
Total	214 14 9	.....	214 14 9	341 1 4
GRAND TOTAL	54,363 0 0	1,71,008 6 5	18,047 1 9	1,89,056 8 2	10,11,039 3 11

IPTS.

Balance of imprest in hands of Engineers and others, decreased.	Balance of uncashed cheques, increased.	Total receipts, including balance.	Outlay.	Balance in treasury on 30th September 1881.	DISTRICTS.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
.....	11 0 0	1,13,028 13 5	71,365 0 9	41,663 12 8	Burdwan 1
.....	9 6 0	37,072 15 2	13,815 9 8	23,257 5 6	Bankoora
484 0 0	6,032 2 0	22,463 10 0	13,882 1 1	8,581 8 11	Beerbhoom
.....	73 11 9	84,253 4 3	77,544 3 10	6,709 0 5	Midnapore
1,000 0 0	.....	1,00,250 3 11	74,944 4 4	25,305 15 7	Hoochly and Howrah ... 5
197 0 0	.....	67,868 12 10	68,479 4 11	-1,110 8 1	24-Pergunnahs
.....	.....	53,515 13 10	51,321 0 10	2,194 13 0	Nuddea
378 0 3	121 5 3	41,332 11 4	34,160 14 4	7,101 13 0	Jessore
.....	1,263 6 3	52,168 14 9	29,225 8 9	22,943 6 0	Moorshedabad
.....	.....	77,680 1 8	50,154 5 10	47,525 11 10	Dinazepore 10
381 10 0	.....	59,765 14 11	42,289 3 0	17,476 11 11	Rajshahye
500 0 0	5,748 0 4	75,823 6 2	33,910 2 5	41,913 3 9	Raizpore
.....	.....	49,268 2 7	40,193 12 4	9,074 6 3	Bozra
.....	.....	21,588 1 7	18,233 14 6	3,354 3 1	Pubna
.....	.....	29,255 9 10	16,461 8 0	12,794 1 10	Darjeeling 15
.....	282 7 6	42,655 9 2	38,754 13 7	3,906 11 7	Julporee
.....	509 8 3	65,974 11 11	25,214 15 8	40,759 12 3	Dacca
.....	1,789 2 3	52,349 2 9	43,055 14 9	9,293 4 9	Furzedpore
.....	.....	1,18,635 13 8	50,077 9 0	62,558 4 8	Backerzunge
.....	.....	40,011 1 3	45,363 2 9	5,617 14 6	Tipperah 20
80 0 0	18,613 5 11	1,10,242 3 5	77,522 4 6	32,719 14 11	Mymensingh
.....	.....	1,42,294 1 4	76,010 3 4	66,283 14 0	Chittagong
.....	.....	1,14,086 5 11	15,619 14 5	98,466 7 6	Noakholly
.....	5,585 5 2	1,93,000 13 8	66,100 14 8	1,26,899 15 0	Patna
.....	2,794 11 2	2,08,636 5 9	82,795 10 7	1,25,240 11 2	Gya 25
.....	5,892 3 5	77,229 10 3	47,451 2 4	29,778 7 11	Shahabad
.....	957 8 0	48,959 1 7	40,846 13 4	8,112 4 3	Mozufferpore
.....	176 10 0	35,695 11 3	35,213 8 9	482 2 6	Darbhunga
1,054 4 3	6,641 12 1	1,07,920 0 0	82,784 2 7	25,135 13 5	Sarun
.....	2,729 0 5	46,660 0 0	29,838 0 9	16,821 15 3	Chumparan 30
.....	4,194 3 7	1,26,935 12 9	44,721 2 6	82,214 10 3	Monghyr
384 10 7	8,773 11 1	1,05,068 8 6	83,314 6 7	21,754 1 11	Bhagulpore
.....	823 8 9	71,730 9 7	40,165 1 0	31,565 8 7	Purneah
.....	1,336 9 0	16,562 3 11	12,632 1 10	3,930 2 1	Maldah
.....	.....	18,342 2 1	18,290 10 11	51 7 2	Cuttack 35
.....	.....	19,319 7 0	13,860 5 10	5,459 1 2	Poree
.....	.....	18,214 1 11	9,983 11 0	8,230 6 11	Balasore
.....	1,250 14 1	45,626 15 8	32,549 12 8	13,077 3 0	Hazaribagh
90 15 9	2,055 6 0	40,741 5 7	21,339 0 6	19,402 5 1	Lohardugga
125 2 3	.....	13,564 12 7	12,023 13 0	1,540 15 7	Manbhoom 40
4,655 11 1	77,584 14 3	27,73,623 3 9	16,67,540 3 5	11,06,083 0 4	Total.
1 12 0	.....	5,227 12 4	2,239 12 3	2,988 0 1	Chittarong Hill Tracts ... 41
1,507 0 0	550 4 4	27,781 10 1	13,266 11 1	14,514 15 0	Southal Pergunnahs ... 42
.....	.....	9,060 15 6	3,077 13 0	6,583 2 6	Singbhoom 43
1,508 12 0	550 4 4	42,670 5 11	18,584 4 4	24,086 1 7	Total.
6,164 7 1	78,135 2 7	28,16,293 9 8	16,86,124 7 9	11,30,169 1 11	GRAND TOTAL.

Cross Districts.

Non-cross Districts.

EXPEN.

DISTRICTS.	REFUNDS.			PROVINCIAL RATES.	ADMINISTRATION.		
	Cess.	Other receipts.	Total.	Establish- ment and contingen- cies of office of collection.	Establish- ment and contingen- cies of committee's office.	Percentage cost of estab- lishment for offices of account and control.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1 Burdwan	0 7 11	37 0 0	37 7 11	1,719 1 6	620 6 0	376 1 8	896 7 9
Bankoora ... ..	.....	.....	.....	2,694 6 2	212 11 0	117 10 7	330 5 3
Beerbhoom ... ..	.....	.....	.....	600 13 9	238 5 0	280 14 1	519 3 3
Midnapore	7 6 9	186 15 9	194 6 6	2,425 10 10	1,571 5 9	681 2 9	2,252 8 8
5 Hooghly and Howrah	.....	.....	.....	2,797 5 3	608 6 6	238 3 6	846 10 0
24 Pergunnabs	106 6 6	5 12 0	112 2 6	2,335 12 6	597 12 0	327 7 10	925 3 10
Nudda ... ..	.....	189 13 10	189 13 10	1,342 3 3	450 6 2	382 12 1	833 2 3
Jessore ... ..	.....	.....	.....	1,447 7 4	583 2 5	490 6 0	1,073 8 5
Moorsheadabad ... ..	.....	34 8 6	34 8 6	1,404 12 6	275 15 0	298 10 3	674 9 3
10 Dinarepore ... ..	.....	1 15 6	1 15 6	2,074 14 4	305 5 0	447 3 8	752 8 8
Rajshahye ... ..	.....	122 13 9	122 13 9	1,063 5 0	320 0 0	717 8 6	1,037 8 6
Rungpore ... ..	.....	.....	.....	758 11 8	1,059 14 11	448 13 6	1,598 12 5
Bogra ... ..	.....	.....	.....	663 7 11	311 0 0	198 12 9	569 12 9
Pubna ... ..	.....	.....	.....	1,302 6 6	561 8 6	201 1 10	762 10 4
15 Darjeeling ... ..	.....	437 8 0	437 8 0	823 2 8	153 7 10	127 5 5	280 13 3
Julpigoree ... ..	.....	.....	.....	1,141 0 11	426 12 6	341 5 11	768 2 5
Dacca	0 11 4	.....	0 11 4	3,078 15 6	559 12 0	197 3 4	756 15 4
Furzedpore ... ..	.....	.....	.....	2,619 9 2	399 0 7	84 4 7	384 11 2
Backergunge	99 1 4	181 14 9	281 0 1	3,864 1 0	475 15 2	326 13 3	802 12 5
20 Tipperah	6 5 2	70 0 0	76 5 2	787 3 6	882 8 6	513 3 2	1,395 11 8
Mymensingh ... ..	.....	.....	.....	2,584 8 0	557 11 0	.....	557 11 0
Chittagong ... ..	.....	.....	.....	6,219 6 6	450 14 8	263 12 0	714 10 8
Nonkholy	7 7 9	.....	7 7 9	1,020 11 9	822 10 6	110 14 0	933 9 6
Patna ... ..	.....	.....	.....	1,618 8 0	195 0 0	911 13 0	1,106 13 0
25 Gya	653 9 0	.....	653 9 0	779 13 9	792 0 3	539 13 3	1,331 13 6
Shahabad ... ..	.....	.....	.....	1,216 2 7	419 3 0	.....	419 3 0
Mozufferpore	18 2 7	.....	18 2 7	1,206 15 6	978 3 1	623 2 4	1,601 5 5
Durbhunga ... ..	.....	.....	.....	1,201 3 3	436 0 0	.....	436 0 0
30 Chumparun	100 0 6	38 0 0	147 0 6	1,393 11 0	586 0 0	481 13 11	1,067 13 11
Monghyr ... ..	.....	.....	.....	546 9 6	274 0 0	605 6 6	879 6 6
Bhagulpore ... ..	.....	.....	.....	1,696 15 7	456 8 0	350 16 10	777 7 10
Purneah	44 11 6	.....	44 11 6	1,966 15 3	477 5 6	514 5 0	991 10 6
Maldah	85 2 8	.....	85 2 8	609 3 9	204 7 0	315 10 10	520 1 10
35 Cuttack ... ..	.....	2 7 3	2 7 3	956 15 0	326 10 6	.....	326 10 6
Pooree ... ..	.....	.....	.....	1,461 5 7	.....	.....	.....
Balasore ... ..	.....	.....	.....	397 12 11	318 3 10	99 2 6	417 6 4
Hazaribagh ... ..	.....	.....	.....	302 1 5	211 7 5	55 5 7	266 13 0
Lohardugga ... ..	.....	.....	.....	884 6 2	236 8 0	159 9 6	386 1 6
40 Manbhoom ... ..	.....	.....	.....	652 8 0	32 8 0	137 7 4	169 15 4
.....	.....	.....	.....	1,328 10 8	464 7 2	156 10 9	621 1 11
Total	1,138 9 0	1,308 13 4	2,447 6 4	62,839 8 5	18,714 12 9	12,123 0 0	30,837 12 9
41 Chittagong Hill Tracts	.....	.....	.....	.....	.....	.....	.....
42 Sonthal Pergunnabs ...	.....	.....	.....	.....	246 11 6	.....	246 11 6
43 Singhbhum ... ..	.....	.....	.....	.....	56 6 6	.....	56 6 6
Total ... ..	.....	.....	.....	.....	303 2 0	.....	303 2 0
GRAND TOTAL	1,138 9 0	1,308 13 4	2,447 6 4	62,839 8 5	19,017 14 9	12,123 0 0	31,140 14 9

DITURE.

PUBLIC WORKS.							DISTRICTS.
STATIONERY.	Original works.	Repairs.	Establishment.	Tools and plant.	Toll and ferry establishment, and contingencies.	Total.	
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
104 4 11	22,106 12 6	39,060 9 6	4,059 2 9	153 2 9	.....	65,379 11 6	Burdwan ... 1
26 9 5	4,517 13 3	4,094 12 9	1,280 4 6	.....	.....	9,892 14 6	Bankoora
.....	750 0 0	9,723 15 6	2,137 1 0	.....	.....	12,611 0 6	Beerbhoom
113 13 3	25,057 3 9	37,713 6 6	6,107 8 6	2 10 0	.....	69,480 12 9	Midnapore
219 14 11	12,540 10 9	45,089 14 5	5,067 14 9	.....	.....	63,298 7 2	Hooghly and Howrah ... 5
155 11 9	8,322 14 8	50,948 0 8	5,467 1 0	70 10 0	.....	64,808 10 4	24-Pergunnahs
.....	9,098 2 7	34,157 12 5	3,800 13 6	.....	.....	47,056 12 6	Nuddea
185 10 11	5,576 7 4	12,520 0 11	5,762 9 4	646 1 0	.....	24,505 2 7	Jessore
219 9 6	3,334 2 4	19,985 5 2	2,873 5 0	228 9 9	.....	26,421 6 3	Moorshedabad
30 10 9	8,844 7 8	12,305 7 9	3,955 5 2	97 0 0	.....	25,202 4 7	Dinazepore
8 6 2	15,224 4 9	14,326 4 10	4,798 1 0	286 8 9	.....	34,605 3 4	Rajshahye
106 5 0	11,358 8 11	10,480 13 9	3,842 3 9	605 11 0	.....	26,287 5 5	Rungpore
9 2 0	14,459 12 0	5,029 12 2	2,422 8 3	278 8 0	.....	22,190 8 5	Bogra
15 10 11	9,501 0 5	4,071 7 3	936 9 9	126 5 3	.....	14,635 6 8	Pubna
.....	8,702 11 3	3,292 1 1	53 0 0	.....	.....	7,047 12 4	Darjeeling
11 0 0	32,128 4 6	1,516 2 9	1,978 3 9	.....	.....	85,622 11 0	Julpigoree
132 3 1	3,470 10 4	12,561 7 9	3,310 15 7	176 5 3	.....	19,519 6 11	Dacca
88 8 5	24,393 1 3	10,455 2 2	2,879 7 11	-154 11 9	.....	37,572 15 7	Furreedpore
65 1 9	17,022 7 6	23,400 13 9	3,941 7 0	11 6 0	.....	49,475 2 3	Backergunge
247 15 8	25,226 8 4	10,427 1 5	4,646 8 0	1,548 3 0	.....	41,848 4 9	Tipperah
573 11 1	39,268 10 2	24,913 15 9	4,776 3 9	2,193 10 0	.....	71,152 7 8	Mymensingh
139 13 4	14,285 2 0	45,538 14 8	4,431 0 2	527 13 3	.....	64,782 14 1	Chittagong
84 0 9	684 1 10	8,577 1 0	2,189 11 3	128 5 2	.....	11,583 3 3	Noakholly
139 15 4	30,742 1 6	23,276 1 10	4,504 2 3	401 1 0	.....	58,923 6 7	Patna
137 7 11	45,928 13 10	21,568 8 0	6,119 9 6	541 12 3	.....	74,149 11 7	Gya
.....	19,767 13 11	18,442 10 10	5,793 7 3	96 15 10	.....	44,090 15 10	Shahabad
139 0 0	12,822 4 0	16,607 15 4	6,537 2 8	566 4 8	.....	36,533 10 8	Mozufferpore
300 0 0	10,172 15 3	8,549 11 8	5,465 2 0	4,698 15 10	1,525 9 0	30,413 5 9	Durbhunga
113 7 3	47,770 10 6	21,329 8 10	6,668 10 0	544 4 6	.....	76,312 1 10	Sarun
37 0 2	8,664 13 8	8,393 6 2	4,342 2 7	23 10 11	.....	21,334 1 4	Chumparun
.....	6,202 2 0	27,293 3 1	7,596 0 6	874 5 6	.....	41,665 11 1	Monghyr
.....	20,735 14 1	89,026 14 5	6,759 3 5	685 3 0	.....	67,207 2 11	Bhagulpore
21 1 6	14,161 11 11	19,898 5 7	3,859 13 6	138 6 3	296 0 0	38,354 5 3	Purneah
.....	3,493 14 0	6,944 7 4	874 11 0	32 8 0	.....	11,345 8 4	Maldah
82 1 3	4,380 3 0	6,972 15	2,980 14 9	19 11 0	.....	14,353 12 2	Cuttack
.....	6,489 5 6	4,249 0 3	978 0 0	726 12 1	.....	12,443 1 10	Pooree
.....	3,234 13 10	5,236 4 6	630 0 0	.....	.....	9,101 2 4	Balasore
21 5 0	5,593 13 10	23,995 15 2	2,116 11 0	116 0 0	.....	29,824 8 0	Hazaribagh
-6 9 0	3,432 12 9	10,844 10 10	2,642 4 10	132 4 6	.....	17,052 0 11	Lohardugga
1 7 0	.....	7,636 6 3	1,573 0 0	.....	.....	9,209 6 3	Manbhoom
3,524 8 0	5,53,064 0 11	7,15,464 9 5	1,50,719 0 11	16,524 4 2	1,822 9 0	14,37,594 9 0	Total.
11 12 0	703 14 9	1,314 1 6	210 0 0	.....	.....	2,228 0 3	Chittagong Hill Tracts ... 41
.....	6,975 3 5	5,032 5 7	1,356 4 0	5 11 0	.....	12,769 8 0	Sonthal Pergunnahs ... 42
.....	234 13 0	604 15 6	349 0 0	0 0 0	.....	1,194 12 6	Singbhoom 43
11 12 0	7,313 15 2	6,951 6 7	1,915 4 0	11 11 0	.....	16,192 4 9	Total.
3,536 4 0	5,60,378 0 1	7,22,416 0 0	1,52,634 4 11	16,535 15 9	1,822 9 0	14,53,786 13 9	GRAND TOTAL.

Class Districts.

Non-class Districts.

EXPEN

DISTRICTS.	IRRIGATION.	MISCELLANEOUS.				Contribution to Provincial Government.
	Canal toll establishment and contingencies.	Staging-bungalow establishment and contingencies.	Staging-bungalow, petty construction and repairs.	Miscellaneous.	Total.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1 Burdwan
Bankoora	51 2 0	.....	.....	51 2 0	.....
Beerbhoom	42 0 0	.....	9 0 0	51 0 0	.....
Midnapore
6 Hooghly and Howrah
24 Pergunnahs	96 12 0	96 12 0	.....
Nuddea	91 0 0	299 8 3	.....	390 8 3	.....
Jessore
Moorshedabad
10 Dinagopore
Rajshahye	100 0 0	100 0 0	.....
Rungpore	68 7 9	5 15 0	2,356 14 6	2,431 5 3	.....
Bogra	-68 2 8
Pubna
15 Darjeeling	2 8 0	2 8 0	.....
Julpigoree	128 15 0	50 0 0	.....	178 15 0	.....
Dacca
Purredpore	-84 4 7
Backergunge
20 Tipperah
Mymensingh
Chittagong	765 15 0	.....	.....	.....	.....	.....
Noakholly
Patua	311 9 0	530 10 9	.....	842 3 9	.....
23 Gya	104 0 0	.....	.....	104 0 0	.....
Shahabad	89 8 0	435 12 3	.....	525 4 3	.....
Mozufferpore	239 9 0	690 6 5	.....	929 15 5	.....
Durbhunga	257 9 7	1,154 0 2	.....	1,411 9 9	.....
Sarun	71 11 0	109 0 4	2,001 11 0	2,182 6 4	.....
30 Chumparun
Monghyr
Bhagulpore	125 5 0	.....	125 5 0	.....
Purneah	1 11 0	1 11 0	.....
Maldah
32 Cuttack	205 0 6	230 6 11	.....	435 7 5	.....
Pooree	36 0 0	166 0 9	.....	202 0 9	.....
Balasore	27 0 0	.....	.....	27 0 0	.....
Hazaribagh	27 0 0	.....	.....	27 0 0	.....
Lohardugga	31 8 0	363 3 6	.....	334 11 6	.....
40 Manbhoom	863 3 2	.....	863 3 2	.....
Total	765 15 0	1,781 15 10	4,963 8 6	4,568 8 6	11,314 0 10	-152 7 3
41 Chittagong Hill Tracts
42 Southal Pergunnahs	208 11 7	41 12 0	.....	250 7 7	.....
43 Singbhoom
Total	208 11 7	41 12 0	.....	250 7 7	.....
GRAND TOTAL	765 15 0	1,990 11 5	5,005 4 6	4,568 8 6	11,564 8 5	-152 7 3

OBS. DISTRICTS.

NON-OBS. DISTRICTS.

ROAD FUND.

(Road) Committees for the Fourth Quarter of the Cess year 1880-81, .

September 1881.

DITURE.

EXPENDITURE.			SUSPENSE ACCOUNT.				DISTRICTS.	
Advances.	Deposits.	Total.	Total expenditure.	Balance of imprest in hands of Engineers and others, increased.	Balance of uncashed cheques, decreased.	Total outlay.		
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
2,837 7 3	290 8 0	3,127 15 3	71,365 0 9	.....	.....	71,365 0 9	Burdwan	1
163 4 0	657 0 0	820 4 0	13,815 9 8	.....	.....	13,815 9 8	Bankoora	1
139 15 9	.....	139 15 9	13,882 1 1	.....	.....	13,882 1 1	Beerbhoom	1
3,077 0 0	.....	3,077 0 0	77,544 3 10	.....	.....	77,544 3 10	Midnapore	1
7,781 0 0	.....	7,781 15 0	74,944 4 4	.....	.....	74,944 4 4	Hoochly and Howrah	5
.....	45 0 0	45 0 0	98,470 4 11	.....	.....	68,470 4 11	24-Pergunnahs	.....
490 0 0	702 11 9	1,192 11 9	51,005 3 10	.....	315 13 0	51,321 0 10	Nuddea	.....
4,314 4 0	310 0 0	4,624 4 0	32,234 1 3	.....	1,924 13 1	34,160 14 4	Jessore	.....
450 0 0	120 10 9	570 10 9	29,225 8 9	.....	.....	29,225 8 9	Moorsshedabad	.....
2,092 0 0	.....	2,092 0 0	30,154 5 10	.....	.....	30,154 5 10	Dinagopore	.....
4,442 9 9	400 0 0	4,842 9 9	41,770 14 6	150 0 0	359 4 6	42,289 3 0	Rajshahye	10
2,536 14 1	87 9 2	2,624 7 3	33,716 15 0	.....	193 3 5	33,910 2 5	Rungpore	.....
16,888 15 11	.....	16,888 15 11	44,193 12 4	.....	.....	40,193 12 4	Bogra	.....
367 5 0	.....	367 5 0	17,143 7 5	.....	1,090 7 1	18,233 14 6	Pubna	.....
2,110 0 0	6,009 11 9	8,119 11 9	16,211 8 0	.....	.....	16,461 8 0	Darjeeling	15
732 7 3	.....	732 7 3	38,454 13 7	300 0 0	259 0 0	38,754 13 7	Julpigoree	.....
72 11 6	1,654 0 0	1,726 11 6	25,214 15 8	.....	.....	25,214 15 8	Dacca	.....
305 0 0	1,755 0 0	2,060 0 0	42,641 7 9	.....	.....	43,055 14 9	Furcedpore	.....
1,474 7 6	115 0 0	1,589 7 6	56,077 9 0	.....	414 7 0	56,077 9 0	Backergunge	.....
.....	.....	.....	44,355 8 9	.....	1,037 10 0	45,393 2 9	Tipperah	20
2,006 15 0	550 0 0	2,556 15 0	77,425 4 9	.....	96 15 9	77,522 4 6	Mymensingh	.....
3,380 0 0	.....	3,380 0 0	76,010 3 4	.....	.....	76,010 3 4	Chittagong	.....
1,993 5 2	5 0 0	1,998 5 2	15,619 14 5	.....	.....	15,619 14 5	Noakholly	.....
2,457 2 8	2,836 4 9	5,293 7 5	82,449 15 2	.....	.....	82,795 10 7	Gya	.....
662 12 4	24 4 10	687 1 2	46,938 10 10	345 11 5	.....	47,451 2 4	Shahabad	25
91 2 0	.....	91 3 0	40,580 4 7	512 7 6	.....	40,846 13 4	Mozufferpore	.....
1,451 6 0	.....	1,451 6 0	35,213 8 9	266 8 9	.....	35,213 8 9	Darbhunga	.....
1,567 9 9	.....	1,567 9 9	82,784 2 7	.....	.....	82,784 2 7	Saran	.....
7,040 15 3	.....	7,040 15 3	29,838 0 9	.....	.....	29,838 0 9	Chumparun	.....
300 0 0	11 0 0	311 0 0	44,721 2 6	.....	.....	44,721 2 6	Monghyr	30
7,558 2 10	5,720 6 7	13,278 9 5	83,314 6 7	.....	.....	83,314 6 7	Bhazulpore	.....
573 7 0	.....	573 7 0	40,165 1 0	.....	.....	40,165 1 0	Purneah	.....
3 0 0	.....	3 0 0	12,632 1 10	.....	.....	12,632 1 10	Maldah	.....
.....	1,530 4 11	1,530 4 11	17,865 6 7	.....	425 4 4	18,290 10 11	Cuttack	.....
400 0 0	.....	400 0 0	13,860 5 10	.....	.....	13,860 5 10	Poorce	35
35 0 0	.....	35 0 0	9,932 0 9	.....	51 10 3	9,983 11 0	Balasore	.....
160 0 0	1,246 8 0	1,406 8 0	32,549 12 8	.....	.....	32,549 12 8	Hazariabagh	.....
2,331 5 9	805 0 0	3,136 5 9	21,339 0 6	.....	.....	21,339 0 6	Lohardugga	.....
.....	.....	.....	12,023 13 0	.....	.....	12,023 13 0	Manbhoom	40
85,758 9 9	24,876 0 6	1,10,634 10 3	16,59,805 15 4	1,574 11 8	6,159 8 5	16,67,540 3 5	Total.	
.....	.....	.....	2,239 12 3	.....	.....	2,239 12 3	Chittagong Hill Tracts	41
1,536 0 0	.....	1,536 0 0	13,266 11 1	.....	.....	13,266 11 1	Sonthal Pergunnahs	42
.....	.....	.....	2,787 3 0	.....	290 10 0	3,077 13 0	Singbhoom	43
1,536 0 0	.....	1,536 0 0	18,293 10 4	.....	290 10 0	18,584 4 4	Total.	
87,294 9 9	24,876 0 6	1,12,170 10 3	16,78,099 9 8	1,574 11 8	6,450 2 5	16,86,124 7 9	GRAND TOTAL.	

A. P. MacDONNELL,

Offg. Accountant-General, Bengal.

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior during the month of November 1881.

IMPORTS INTO CALCUTTA.

Whence imported.	FOOD-GRAINS.							FIBROUS PRODUCTS.		OIL-SEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		
	RICE AND PADDY.			Wheat.	Gram and pulse.	Other food grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard-seed.				Refined.	Unrefined.	
	Rice.	Paddy.	Total (in rice).														
BENGAL.																	
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	
ardwan	1,05,301	15,530	1,15,757	595	370	370	1,15,092	.....	.....	.....	.....	195	.....	12	.....	0
erbhoon	86,518	.....	86,518	.....	.....	.....	86,518	.....	.....	.....	.....	.....	.....	29	.....	.....
dnapore	80,445	45,675	1,07,742	.....	.....	.....	1,07,742	.....	500	.....	.....	.....	.....	219	.....	214
ochly	47,137	1,391	47,956	6,054	8,557	4,249	66,890	47,500	857,280	40,484	5,208	.....	1,355	28	2,575	2,338
Pergunnahs	1,42,337	55,553	1,75,793	34	600	200	1,76,035	98,276	645,407	435	427	.....	.....	427	73,986	35,323
idies	6,826	.....	6,826	11,521	24,145	1,195	45,687	60,538	2,180	3,797	.....	.....	.....	215	283	1,567
sdore	9,015	3,490	11,140	.....	3,500	800	15,440	21,423	.....	75	.....	.....	.....	.....	2,225	2,461
orshedabad	1,993	.....	1,993	5,411	2,650	282	10,346	6,343	.....	2,985	930	.....	.....	.....	573	209
napore	8,570	.....	8,570	.....	.....	.....	8,570	5,168	309,050	.....	.....	.....	.....	.....	.....	.....
shahye	909	.....	909	391	4,108	.....	5,498	79,259	840	281	.....	.....	.....	.....	.....	.....
napore	.....	.....	.....	.....	.....	.....	80,885	508,500	.....	.....	.....	.....	.....	.....	.....	.....
ra	18,449	.....	18,449	.....	.....	.....	18,449	9,667	360	.....	.....	.....	.....	.....	.....	.....
na	.....	.....	.....	391	402	.....	793	3,55,986	288,360	1,977	540	.....	.....	.....	.....	.....
rijooling	.....	.....	.....	.....	.....	.....	.....	.....	60	.....	.....	.....	.....	1,793	.....	.....
ipagore	.....	.....	.....	.....	.....	.....	.....	27,517	256,530	.....	.....	.....	.....	8,350	.....	.....
ra	7,502	.....	7,502	.....	500	1,116	9,118	4,58,049	600	1,069	674	.....	886	.....	.....	.....
reedpore	7,428	275	7,600	.....	2,119	.....	9,719	3,66,575	1,020	814	433	.....	124	161	.....	.....
chergunge	2,03,175	.....	2,03,175	.....	.....	.....	2,03,175	.....	.....	.....	.....	.....	55	.....	.....	.....
mensinkh	.....	.....	.....	.....	.....	.....	.....	98,148	.....	.....	.....	.....	.....	.....	.....	.....
perah	615	.....	615	.....	.....	.....	615	.....	.....	.....	.....	.....	.....	.....	.....	.....
itagon	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,360	.....	.....	.....	.....
akooly	14,210	.....	14,210	.....	.....	.....	14,210	.....	.....	.....	.....	.....	141	.....	.....	.....
Total of Bengal	7,40,520	1,15,714	8,12,841	24,397	47,047	8,212	8,92,497	16,81,397	2,960,777	51,917	7,854	11,701	3,297	1,305	25,553	47,076	
BEHAR.																	
na	2	.....	2	1,76,073	36,376	3,865	2,16,316	.....	.....	1,03,473	13,345	.....	.....	.....	8,274	1,729
abhabad	.....	.....	.....	3,037	.....	.....	3,037	.....	.....	.....	1,819	.....	.....	.....	.....	1,989
zafferpore	4	.....	4	51,302	2,445	1,198	54,855	.....	.....	2,547	133	22	6	.....	1,840	1,134
rhilanga	.....	.....	.....	.....	.....	57	61	.....	.....	11,380	269	.....	.....	.....	.....	.....
un	.....	.....	.....	335	.....	.....	335	.....	.....	26,897	1,259	17	.....	.....	.....	.....
aghyr	.....	.....	.....	17,249	910	3,305	21,525	.....	.....	8,178	5,061	.....	.....	.....	.....	.....
agulpore	3	.....	3	30,913	40,609	109	71,631	.....	.....	20,875	1,359	.....	.....	.....	.....	96
creah	.....	.....	.....	37,495	8,901	7,282	53,589	.....	.....	11,544	4,729	.....	.....	.....	.....	21
idah	8,878	.....	8,878	2,679	3,413	447	6,539	190	35,050	2,286	1,916	83	.....	.....	.....	.....
atnal Pergunnahs	4	.....	4	6,792	418	165	11,253	10,155	.....	.....	.....	.....	.....	.....	.....	.....
Total of Behar	3,891	.....	3,891	3,36,134	96,338	16,899	4,53,202	10,255	35,050	1,89,816	30,973	123	6	21	10,114	4,969
ORISSA.																	
stack	10	.....	10	.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....
assore	6,799	13,944	15,514	605	.....	.....	16,119	5,726	350	.....	82	.....	.....	.....	.....	.....
Total of Orissa	6,809	13,944	15,524	605	.....	.....	16,129	5,726	350	.....	82	.....	.....	.....	.....	.....
CHOTA NAGPORE.																	
aribagh	.....	.....	.....	.....	1,492	.....	1,492	.....	.....	.....	3,655	57	.....	.....	.....	.....
rbhoon	.....	.....	.....	.....	53	.....	53	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of Chota Nagpore	.....	.....	.....	.....	1,545	.....	1,545	.....	.....	.....	3,655	57	.....	.....	.....	.....
and total of supplies from the Provinces under the Lieutenant-Governor of Bengal.																	
	7,51,220	1,20,658	8,32,256	3,61,136	1,44,930	25,111	13,63,433	17,06,378	2,996,177	2,41,733	42,564	11,881	3,213	1,326	35,667	52,045	
OTHER PROVINCES.																	
an	.....	1,100	688	.....	390	.....	988	5,041	.....	.....	8,944	62,057	50	33	.....	.....
th-Western Provinces	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
nd Oudh	.....	.....	.....	3,59,136	2,002	832	3,61,970	.....	.....	28,690	25,741	195	90,342	.....	381	427
ab	5	.....	5	18,508	5,195	12	23,720	.....	.....	.....	111	1,184	.....	.....	.....	.....
atal Provinces	.....	.....	.....	1,355	.....	.....	1,355	.....	.....	.....	.....	.....	.....	66	.....	.....
nbay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	886	.....	.....
dras	5	.....	5	.....	96	.....	101	.....	.....	.....	.....	.....	.....	547	2	.....
tish Burmah	1,217	.....	1,217	.....	83	.....	1,300	.....	.....	.....	.....	.....	.....	451	2	.....
er places	.....	.....	.....	.....	272	.....	272	.....	.....	.....	.....	.....	.....	57	.....	.....
and total of Im- (1881	7,52,447	1,30,758	8,34,171	7,40,145	1,52,878	25,955	17,53,149	17,05,419	2,996,177	2,70,423	77,249	74,244	96,739	1,420	36,048	52,473	
ports in Nov. (1880	8,56,919	95,396	8,96,542	7,74,005	1,85,561	11,083	18,67,191	18,56,048	1,924,182	4,20,916	74,620	81,639	1,40,630	1,043	25,368	47,177	

The Sea-borne Trade of Calcutta in these Staples during the month of November 1881 was as follows:—

EXPORTED FROM CALCUTTA—	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Indian Ports, viz.—																
ombay	48,306	.....	48,306	.....	.....	.....	48,306	4,582	1,500,400	.....	.....	37	.....	14	2,447	.....
ther ports in Bombay	.....	.....	.....	.....	.....	.....	.....	.....	65,950	.....	.....	.....	.....	.....	94	.....
adras	8,784	18,917	20,558	.....	6,926	4	27,516	.....	47,750	.....	.....	11	.....	273	237	.....
ther ports in Madras	1,89,671	.....	1,89,671	.....	1,379	.....	1,91,050	4,862	123,500	.....	.....	.....	.....	4	95	.....
ritish Burmah	1,772	.....	1,772	256	5,786	35	7,849	11	254,700	.....	60	15	18	4	612	389
ther Indian ports	4	.....	4	.....	333	367	704	.....	340,375	.....	.....	1	28	45	973	214
andicherry	.....	.....	.....	99	200	.....	209	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of Interportal trade	2,45,517	18,917	2,60,339	355	14,624	406	2,75,724	9,455	2,302,675	.....	60	64	46	340	4,448	603
Foreign Ports—																
ited Kingdom	2,002	.....	2,002	6,53,242	8,137	.....	6,61,381	7,20,432	2,500	1,41,432	73,795	68,141	7,189	163	.....	8,236
ther Foreign ports	4,17,198	2,536	4,18,783	3,65,871	14,404	258	7,99,416	2,77,732	4,252,221	1,01,467	8,189	2,166	45,311	1,070	716	.....
Total of Foreign trade	4,19,200	2,536	4,20,786	10,19,113	20,641	258	14,60,797	9,96,164	4,254,721	2,42,899	81,975	70,397	62,800	1,233	716	8,236
and total of Ex- (1881	6,07,717	21,453	6,31,124	10,19,408	35,265	664	17,36,521	10,07,619	6,557,396	2,42,899	82,035	70,371	62,843	1,573	5,164	8,839
ports in Nov. (1880	6,62,595	846	6,93,162	5,89,842	56,554	1,051	13,01,549	8,38,398	7,476,935	3,91,099	47,932	81,399	61,510	1,305	2,357	402

One maund of paddy is equivalent to 25 seers of rice.

† Exclusive of bags obtained by local manufacture.

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic Imported into Calcutta during the month of November 1881.

IMPORTS INTO CALCUTTA.

SPECIFICATION OF ROUTES.	FOOD-GRAINS.					FIBROUS PRODUCTS.		OIL-SEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute, raw.	Gunny-bags.	Linseed.	Mustard-seed.				Refined.	Unrefined.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
By country boats ...	4,98,342	1,10,345	1,01,920	60,736	19,153	8,52,566	1,811,189	1,36,537	24,189	.....	2,036	572	13,437	35,615
By river steamers ...	.....	.....	.....	.....	.....	2,07,014	.....	.....	8,944	54,444	105	33	.....	.....
By rail { East Indian ...	1,62,045	.....	6,37,334	83,333	6,802	.....	.....	1,32,412	43,601	684	91,598	319	10,495	5,596
By rail { Eastern Bengal ...	30,773	.....	252	7,973	.....	5,37,615	1,096,869	1,399	433	17,356	1,011	435	1,374	1,814
By road ...	55,740	18,869	34	886	.....	1,02,498	87,787	165	.....	.....	105	.....	10,742	9,647
By sea ...	5,547	1,544	605	451	.....	5,728	359	.....	82	1,360	1,884	61	.....	.....
Grand total of Imports { 1881 ...	7,52,447	1,30,758	7,40,145	1,52,878	25,955	17,05,419	2,996,177	2,70,423	77,249	74,244	96,739	1,420	36,048	62,472
in November ... { 1880 ...	8,36,919	95,396	7,74,005	1,85,561	11,083	13,56,648	1,924,182	4,20,316	74,629	81,639	1,40,630	1,043	25,368	47,177

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic Exported Inland from Calcutta during the month of November 1881.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.	Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.				European.	Indian.	European.	Indian.		
BENGAL.	Rs.	Rs.	Mds.	Mds.	Mds.	No.	CHOTA NAGPORE.	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Burdwan ...	2,95,788	11,352	240	742	36,383	57,005	Hazaribagh ...	72,825	1,118	.....	18	4,711	5,000
Beerbhoom ...	59,325	516	112	205	14,299	48,850	Manbhoom ...	68,250	2,064	.....	21	3,483	1,855
Midnapore ...	1,67,052	670	766	.....	4,908	6,124	Total of Chota Nagpore ...	1,41,075	3,182	.....	416	8,194	7,455
Hooghly ...	1,15,289	11,096	827	10	4,773	75,862	Grand total of supplies into the provinces under the Lieutenant-Governor of Bengal.	89,44,853	87,274	13,387	3,175	7,16,506	1,161,143
24-Pergunnahs ...	2,92,652	27,431	531	.....	13,739	25,037	OTHER PROVINCES.	7,19,785	.....	577	.....	31,532	.....
Nudda ...	10,49,553	30	1,951	.....	19,674	18,920	Assam ...	.....	.....	.....	.....	.....	.....
Jessore ...	53,400	.....	743	.....	29,715	250	North-Western Provinces and Oudh ...	26,48,850	1,118	1,876	55	3,548	444,550
Moorsheadabad ...	1,72,727	774	60	43	17,298	24,605	Punjab ...	18,28,725	.....	2,547	.....	.....	70,165
Dinapore ...	1,31,620	.....	158	43	6,750	2,100	Central Provinces ...	1,10,625	1,376	202	16	.....	34,335
Rajshahye ...	1,38,037	.....	141	.....	13,798	4,200	Rajputana States ...	85,950	.....	198	.....	.....	8,645
Kungpore ...	4,49,569	.....	106	.....	16,615	900	Madras ...	1,83,901	578	32	.....	.....	1,508,170
Bokra ...	99,760	.....	64	.....	4,500	57,575	Bombay ...	25,575	1,640	839	232	.....	141,230
Patna ...	3,64,640	.....	379	.....	86,585	8,350	Pondicherry ...	820	.....	49	.....	.....	.....
Darjeeling ...	560	.....	.....	.....	500	.....	British Burmah ...	1,36,977	1,525	585	1,455	.....	254,700
Julpigoree ...	2,11,280	.....	138	.....	5,532	900	Other places ...	5,539	7,096	.....	.....	1	4,234,721
Dacca ...	15,61,069	.....	1,521	.....	92,016	7,060	Grand Total of { 1881 ...	1,46,91,891	1,00,517	20,292	4,933	7,51,587	7,937,619
Furzedpore ...	3,67,960	.....	1,310	.....	48,464	5,850	exports in Nov. { 1880 ...	1,53,49,262	1,58,081	19,261	3,313	7,38,408	7,904,716
Backergunge ...	2,04,660	.....	343	.....	27,839	.....						
Mymensingh ...	5,112	.....	256	.....	27,550	100							
Tipperah ...	.....	.....	.....	.....	3,400	.....						
Chittagong ...	1,29,650	1,635	281	1	.....	184,530							
Noakhally ...	29,530	.....	220	.....	3,105	500							
Total of Bengal ...	56,90,561	54,104	10,147	1,045	4,72,354	529,248							
BEHAR.													
Patna ...	8,41,695	4,042	186	110	77,400	264,070							
Gya ...	2,02,650	.....	51	.....	12,189	21,105	IMPORTED INTO CALCUTTA—	Rs.*	Rs.	Mds.	Mds.	Mds.	No.
Shahabad ...	3,33,300	86	3	46	12,409	53,725	From Foreign Ports—						
Muzafferpore ...	2,72,700	344	3	.....	6,026	3,115	United Kingdom ...	99,38,471	.....	10,119	.....	6,19,025	.....
Burhanga ...	5,01,225	3,354	8	320	63,504	26,120	Other Foreign ports ...	4,484	.....	545	.....	96,487	.....
Barur ...	.....	.....	.....	.....	2,300	800	Total of Foreign trade ...	99,42,955	.....	10,664	.....	7,15,412	.....
Monabur ...	2,79,375	688	42	113	12,327	51,300	From Indian Ports—						
Shagulpore ...	2,10,300	16,770	122	146	18,682	29,105	Bombay ...	3,480	1,01,703	73	5,593	43,494	.....
Burneah ...	1,78,025	4,128	82	223	800	1,295	Madras ...	4,000	.....	2	.....	8,805	.....
Maldah ...	.....	.....	.....	.....	13,451	255	British Burmah ...	600	.....	3	.....	.....	350
South Pergunnahs ...	1,85,325	516	34	178	16,800	17,815	Other Indian ports ...	.....	.....	.....	.....	.....	.....
Total of Behar ...	29,96,595	29,928	531	1,136	2,35,958	468,615	Total of Interportal trade ...	8,080	1,01,703	80	5,593	52,299	350
ORISSA.							Grand Total of { 1881 ...	99,51,035	1,01,703	10,764	5,593	7,67,711	350
Cuttack ...	.....	.....	29	7	.....	15,400	Imports in Nov. { 1880 ...	1,08,76,042	4,27,277	13,102	8,269	6,82,905	7,750
Poree ...	1,13,622	.....	.....	.....	.....	140,425							
Calcutta ...	.....	60	2,629	571	.....	.....					
Total of Orissa ...	1,13,622	60	2,688	578	.....	155,825							

The sea-borne Trade of Calcutta in these Staples during the month of November 1881 was as follows:—

IMPORTED INTO CALCUTTA—	Rs.*	Rs.	Mds.	Mds.	Mds.	No.
From Foreign Ports—						
United Kingdom ...	99,38,471	.....	10,119	.....	6,19,025	.....
Other Foreign ports ...	4,484	.....	545	.....	96,487	.....
Total of Foreign trade ...	99,42,955	.....	10,664	.....	7,15,412	.....
From Indian Ports—						
Bombay ...	3,480	1,01,703	73	5,593	43,494	.....
Madras ...	4,000	.....	2	.....	8,805	.....
British Burmah ...	600	.....	3	.....	.....	350
Other Indian ports ...	.....	.....	.....	.....	.....	.....
Total of Interportal trade ...	8,080	1,01,703	80	5,593	52,299	350
Grand Total of { 1881 ...	99,51,035	1,01,703	10,764	5,593	7,67,711	350
Imports in Nov. { 1880 ...	1,08,76,042	4,27,277	13,102	8,269	6,82,905	7,750

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic Exported from Calcutta during the month of November 1881.

SPECIFICATION OF ROUTES.	COTTON PIECE-GOODS.		COTTON TWIST.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
By country boats ...	5,41,502	29,008	4,056	.....	4,06,598	170,881
By river steamers ...	16,23,945	.....	1,731	.....	14,066	.....
By rail { East Indian ...	85,94,325	40,708	5,799	2,624	2,16,634	1,116,430
By rail { Eastern Bengal ...	33,27,840	.....	3,412	43	1,02,039	82,335
By road ...	2,79,854	9,357	872	.....	5,249	10,137
By sea ...	4,15,325	12,444	4,442	2,206	1	6,537,396
Grand Total of Exports in November { 1881 ...	1,40,91,891	1,00,517	20,292	4,933	7,51,587	7,937,619
{ 1880 ...	1,53,49,262	1,58,081	19,261	3,313	7,38,408	7,904,716

* As per tariff declaration value.

STATISTICAL DEPARTMENT,
The 11th February 1882.

COLMAN MACAULAY,
Offg. Secy. to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 11th February 1882.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIVN.	1 Burdwan, Feb. 11 '82	Nil	Weather—no change, except that to-day (11th) at the Sudder there are signs of approaching rain. Prospects of winter crops fair, but would be improved by rain. Cholera still prevalent in various parts of the district.
	2 Bankoora, „ 11 „	Nil	Weather—hot days with cool mornings and evenings. Winter crops doing well. Pressing of sugarcane commenced here and there in the sub-division. Isolated cases of cholera and small-pox are reported from thanas Bishenpore, Sonamookhi and Indas. Fever has abated everywhere.
	3 Beerbhoom, „ 11 „	Nil	The rain which has just begun will do much for the winter crops. Public health fair.
	4 Midnapore, „ 11 „	Nil	Weather—seasonable. No crops in the field at present. Price low. Fever much abated. Cholera has appeared in Contai and in many other villages of the sub-division. Several persons died there within the week.
	5 Hooghly, „ 11 „	Nil	Weather—warmer. Cold-weather crops doing well. Rain would be welcome. A few cases of cholera still occur.
PRESIDENCY DIVN.	Howrah, „ 13 „	Nil During week ending 11th.	Weather—getting warm. Storm and rain on Sunday afternoon (12th). Prospect of crops favourable. Public health generally good. Cholera in a few villages in Shampore.
	<i>Central Districts.</i>		
	6 2 ^d Pergunnahs, Feb. 14 '82	Nil During week ending 11th.	Weather—seasonable. Harvesting of <i>amun</i> is finished. Cold-weather crops promise well. Public health generally good. Isolated cases of cholera are reported from Barripore and Satkhira, it is rather increasing in Barripore.
	7 Nuddea, „ 11 „	Nil	Weather—warm latterly. Winter crops suffering for want of rain. Fever abating. Cholera increasing.
	8 Jessore, „ 11 „	Nil	Weather—seasonable, though much warmer than last week. Cultivation for rice is improving, and the young plants are thriving in their nurseries. No signs of rain. Public health is improving, there being a decrease in the number of both cholera and fever cases.
RAJSHAHYE AND COOCH BEHAR DIVN.	9 Moorshedabad, „ 11 „	Nil	Weather—it was getting warm, but to-day (11th) sky overcast, and rain which is now falling will make it cool again. Winter crops progressing favourably. Rain will prove very beneficial to crops. There are sporadic cases of cholera.
	10 Dinagepore, Feb. 10 '82	Nil	Weather—unusually cool for the time of year. State of crops good. Sugarcane and mustard being harvested. Rice cheap.
	11 Rajshahye, „ 11 „	Nil	Weather—no rain, but very cloudy and threatening. Spring crops suffering from want of rain. <i>Arhar</i> is being harvested. Price of rice 26 t 7 seers. Fever prevalent throughout district, though not in a virulent form.
	12 Rangpore, „ 11 „	Nil	Weather—fine; rather warm. Rain is much wanted for the standing crops. Cholera still prevails in the Kurigram sub-division.
	13 Bogra, „ 11 „	Nil	Weather—cloudy during the last three days. Still cool. Mustard, sugarcane, and <i>kalai</i> , still being cut. <i>Rubbee</i> crops have generally suffered from drought. Public health fair.
	14 Pubna, „ 11 „	Nil	Weather—cool in the mornings; cloudy in the latter part of the week. Days warm. Outturn of mustard seed is good; that of all other winter crops is partly fair. Rain much needed. Public health good.
	15 Darjeeling, „ 11 „	0.22	Weather—getting warm in the Terai. Rain has begun in the Hills. The few crops on the ground doing well.
CHITTAGONG DIVN.	16 Julpigoree, „ 11 „	Nil	Weather—cloudy and cold. Agricultural prospects throughout the district reported good or fair. Health very good.
	Cooch Behar, „ 10 „	Nil	Weather—cold and fine. Want of rain much felt. Mustard seed being reaped. Prospects of tobacco and cold-weather crops not yet injured. Price of rice Rs. 1-12 per maund. Public health good. Cholera reported at Etaldo.
	<i>Eastern Districts.</i>		
	17 Dacca, Feb. 11 '82	Nil	Weather—seasonable. Cutting of sugarcane going on; yield average. Prospects of winter crops good. Rain wanted. Public health good.
	18 Furreedpore, „ 11 „	Nil	Weather—foggy very often in the mornings. Seasonable. State and prospects of crops favourable.
	19 Backergunge, „ 9 „	Nil	Weather—seasonable. Prospects of crops good. Fever decreasing. A few cases of small-pox reported.
	20 Mymensingh, „ 10 „	Nil	Weather—dry and clear. Some rain would do good to the mustard.
CHITTAGONG DIVN.	21 Chittagong, Feb. 14 '82	1.36 During week ending 13th.	Rainfall at head-quarters 1.36 inches, but much heavier rainfall in some places which will be beneficial for tea and cold-weather crops. Prices stationary. Some small-pox and cholera continue and cattle-disease in Upilla-thana. General health good.
	22 Noakholy, „ 9 „	Nil	Weather—nights colder, mornings foggy. Prospects of cold-weather crops fair. Rain wanted in high lands.
	23 Tipperah, „ 10 „	Nil	Weather—cool and pleasant. Prospects of crops promising. A few cases of cholera still reported.
	24 Chittagong Hill Tracts, „ 7 „	Nil	Weather—mornings cold and foggy, midday and afternoons warm. Mustard has been gathered in most places. Prospects good.
	Hill Tipperah, „ 8 „	Nil	Weather—cool. Paddy being stored. Prospects of tobacco and chillies fair. Public health good.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.			
PATNA DIVN.	25 Patna, Feb. 11 '82	Nil	Weather—seasonable. Prospects of <i>rubbee</i> continue good, but a little rain would improve them. Public health good.
	26 Gya, „ 11 „	Nil	Weather—cloudy. A little rain fell this morning (11th). Paddy is being thrashed. Fever has abated.
	27 Shahabad, „ 11 „	Nil	Weather—clear and cool in the beginning, cloudy and warm in the end of week. Prospects of <i>rubbee</i> crops not very good. Sporadic cases of cholera and small-pox.
	28 Durbhunga, „ 11 „	0.30	Weather—cool. <i>Rubbee</i> crops are promising. Harvest of tobacco crop commenced. Prices stationary. Health fair.
	29 Mozufferpore, „ 11 „	Nil	Weather—cold. <i>Rubbee</i> prospects continue very good.
	30 Sarun, „ 11 „	Nil	Weather—drizzling rain with hail last night (10th). Sky still threatening rain. <i>Rubbee</i> crops doing well. Poppy in flower. Mustard being harvested. Some injury to poppy from hail apprehended.
BHAGULPORE DIVN.	31 Chumwarun, „ 11 „	Nil	Weather—seasonable, with occasional clouds and a few drops of rain during two days. Prospects of crops good. Public health good.
	32 Monghyr, Feb. 11 '82	Nil	Weather—cloudy, and east wind towards end of week; a few drops of rain on 11th. Prospects of crops are still good. Prices slightly rising.
	33 Bhagulpore, „ 11 „	Nil	Weather—fine and dry with some clouds. There now seems some show for rain. State and prospects of crops still favourable on the whole, but complaints of want of rain increase. Public health generally good, but cases of small-pox still heard of.
	34 Purneah, „ 11 „	A sprinkling of rain on morning of 11th, not measurable.	Weather—cool nights and mornings. <i>Rubbee</i> crops are fair, but rains is still wanted.
	35 Maldah, „ 11 „	Nil	Weather—fair, and rather hot during the day. Sky cloudy during the last two days of the week. A few drops of rain fell this morning (11th). <i>Rubbee</i> crops are ripening. <i>Boro</i> rice is being planted in thanas Gomasutapore and Maldah. Mango blossoms are coming out. Prices of food-grains are stationary. A few cases of small-pox and fever are reported from thanas Maldah and Ratna; otherwise the general health is fair.
	36 Sonthal Pergahs, „ 11 „	Nil	Weather—seasonable. Prospects of <i>rubbee</i> crop good. Sugarcane being pressed; outturn very good. General health good.
ORISSA.			
ORISSA DIVN.	37 Cuttack, Feb. 10 '82	Nil	Weather—getting warm. Reaping of <i>rubbee</i> almost completed. Miscellaneous crops doing well. Common rice sells at 31 seers per rupee. Public health good.
	38 Pooree, „ 9 „	Nil	Weather—hot. <i>Sarad</i> rice already harvested. <i>Dalua</i> rice is being sown in some places. Sugarcane still being crushed. <i>Moong</i> thriving well. Miscellaneous crops promising. Land is being ploughed for the ensuing <i>sarad</i> crop. Common rice sells at from 28 to 38 Calcutta seers per rupee. Fever still prevails and cattle-disease reported.
	39 Balasore, „ 10 „	Nil	Weather—fair. Gradual accession of heat. <i>Rubbee</i> crops are being gathered. Cholera and small-pox and cattle-disease at places. Public health good in other respects.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
40	Hazaribagh, Feb. 10 '82	Nil	Weather—getting warm. Prospects of <i>rubbee</i> much below average. Prices remain the same as during last week. Cattle-disease still prevails in parts of the district. General health good.
41	Lohardugga, „ 11 „	Nil	Weather—seasonable. Rain badly wanted at head-quarters for ploughing operations, and in Palamow for the <i>rubbee</i> crop. General health good at head-quarters and fever abating at Palamow. Cattle-disease reported in several thanas.
42	Singbnoom, „ 10 „	Nil	Weather—very warm. Rain wanted for gram and other crops still on the ground.
43	Manbnoom, „ 11 „	Nil	Weather—seasonable except on the 11th when the morning was foggy and the day cloudy. Prospects of winter crops good in every place except Jhalda. Sugarcane and mustard are being reaped in almost all places. Public health generally good. In the police station of Purulia, however, fever, measles and cattle-pox prevail to a certain extent, and cholera is raging in the sub-division of Gobindpore along the Grand Trunk Road.

Published for general information.

CALCUTTA, STATISTICAL DEPT.,

COLMAN MACAULAY,

The 14th February 1882.

Offg. Secy. to the Govt. of Bengal.

**Results of the Meteorological Observations taken at the Alipore Observatory from
5th to 11th February 1882.**

Month.	Date.	Maximum in sun.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Miles recorded.	Rain.	WEATHER.
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.				
1882.		°	Inches.	°	°	°	°	°	Inches	°	%				Inches.	
Feb.	5th	131.4	30.062	64.2	77.2	24.9	52.3	56.5	0.360	49.9	63	Calm and variable	...	40	Nil	Clear, ☐, ☐.
"	6th	134.2	.073	64.7	78.4	26.8	51.6	56.9	.365	50.2	64	Calm and NNW	...	50	"	Clear, ☐, ☐.
"	7th	136.9	.029	67.0	80.7	29.0	51.7	60.7	.456	56.4	70	Calm, variable and S	...	61	"	Chiefly clear, ☐, ☐.
"	8th	136.7	29.998	69.5	81.0	27.6	53.4	64.8	.553	61.8	78	S and WSW	...	90	"	Partially cloudy, ☐, ☐.
"	9th	133.7	.974	68.7	80.5	28.9	51.6	61.6	.454	56.2	68	WSW and NW	...	59	"	Clear, ☐, ☐.
"	10th	136.4	.909	68.9	81.9	25.6	56.3	61.3	.447	55.8	65	N by E and variable	...	53	"	Clear, ☐, ☐.
"	11th	141.2	.815	72.8	83.8	27.5	56.3	68.3	.637	65.8	80	SSW and variable	...	199	0.80	Morning clear day and night cloudy, ☐, ☐. p. fog & t.

The mean pressure of the seven days 29.980
The average pressure of the corresponding period for 24 years, S. G. Office ... 29.964

°
The mean temperature of the seven days 68.0
The average temperature of the corresponding period for 24 years, S. G. Office ... 70.7
The extreme variation of temperature during the seven days 32.2
The maximum temperature during the seven days 83.8

Miles.
The highest velocity of the wind in one hour during the seven days 15

lb.
The highest pressure of the wind on one square foot during the seven days 6.0

%
The mean relative humidity during the seven days 70
The average relative humidity of the corresponding period for 24 years, S. G. Office ... 70

Inches.
The total fall of rain from 5th to 11th February 1882 0.80
The average fall of the corresponding period for 24 years, S. G. Office ... 0.44
The total fall from 1st January to 11th February 1882 0.93
The average fall of the corresponding period for 24 years, S. G. Office ... 0.91

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph.
The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

☐ fog, ☐ dew, o overcast, g gloomy, d drizzling rain, p passing temporary showers, t thunder, < lightning.

METEOROLOGICAL OFFICE, INDIA,
The 13th February 1882.

JOHN ELIOT,
Offg. Meteorological Reporter to the Government of India.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, FEBRUARY 22, 1882.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations.

Saturday, the 18th February 1882.

PRESENT :

HIS HONOR THE LIEUTENANT-GOVERNOR OF BENGAL, *Presiding*,
 The HON'BLE G. C. PAUL, C.I.E., *Advocate-General*,
 The HON'BLE H. L. DAMPIER, C.I.E.,
 The HON'BLE H. J. REYNOLDS,
 The HON'BLE H. A. COCKERELL,
 The HON'BLE D. M. BARBOUR,
 The HON'BLE T. T. ALLEN,
 The HON'BLE F. PRESTAGE,
 The HON'BLE KRISTODAS PAL, RAI BAHADOOR, C.I.E.,
 The HON'BLE AMEER ALI,
 and
 The HON'BLE BUDHEB MOOKERJEA, C.I.E.

AMENDMENT OF THE CALCUTTA MUNICIPAL CONSOLIDATION ACT.

1. The HON'BLE MR. REYNOLDS moved that the report of the Select Committee on the Bill further to amend "The Calcutta Municipal Consolidation

Act, 1876," be taken into consideration in order to the settlement of the clauses of the Bill, and that the clauses of the Bill be considered for settlement in the form recommended by the Select Committee. He said that the only alteration which had been made by the Select Committee was the introduction of a section to provide for the renewal of the registration of carts upon the same principle as that adopted in the Bill for the continuance of half-yearly licenses. By the law as it stood the effect of the law practically was that the owners of carts had to take out half-yearly licenses, although the Act spoke of the registration of carts and of the payment of registration fees, and not of the taking out of licenses; consequently, a section had been added to the Bill to make it clear that the provisions of the Bill relating to licenses should apply to the registration of carts.

With regard to the question of giving notice of payment of the additional sums which the Bill imposed, he observed that an amendment had been placed on the notice paper, but if the hon'ble member in whose name the notice of motion stood would allow him to offer an explanation, perhaps he would not find it necessary to press the amendment. The question had been considered by the Select Committee who thought that no notice was necessary, because they could not conceive any circumstances under which persons upon whom the additional sums were to be imposed would not become aware of their liability. The Bill would not interfere with existing licenses which would remain in force, and it was only on the renewal of a license that the additional sum imposed by the Bill would become payable. Anyone, for instance, who, during the present quarter, might have taken out a yearly license for Rs. 8 would hold a license which would remain in force till the 31st December 1882; but when he came in January next to renew his license for the year 1883, he would be told that he must pay a sum of Rs. 2 for the continuance of his license to the 31st of March following. In the same way anyone who had not already taken out his license, and who wished to take out one for 1882 after this Bill became law, would not have a license in the form in which he applied for it, but he would be called upon to pay Rs. 10 instead of Rs. 8, and would be told that his license would continue in force till the 31st March 1883. The Select Committee had made this clear by inserting in section 4 the words "on the expiry of the same," and consequently they thought it unnecessary to make any special stipulation that notice should be given.

The HON'BLE AMEER ALI said that, after the remarks which had just been made, he did not think it necessary to move the amendment of which he had given notice, and he accordingly withdrew it.

The HON'BLE MR. DAMPIER asked whether the Select Committee had considered the case of a person who, having the intention of closing his business on the 31st March, did not take out a license for the following year. In a case like this, how was it proposed to recover the proportionate amount of license fee for the period of three months which intervened between the expiration of the old calendar year and the new financial year. As he understood it, licenses expired now on the 31st December, and under this Bill the operation of such licenses would be extended for three months by the payment of a proportionate fee, and the mode of recovering such fee was when the licenseholder came up for the renewal of his license for the following year, the first of the financial years now to be adopted. But suppose he did not apply for a fresh license, but wound-up his business on the 31st March, he would have carried on his business for three months without having paid the additional proportionate amount of fee. MR. DAMPIER asked whether it was that provision was not made for a case of that kind because, the cases being very few, it was not considered worth while to look after them.

The HON'BLE KRISTODAS PAL explained that as soon as a man's license expired he was bound to take out a fresh license; he was not authorized to carry on his business without a license. If a license expired on the 31st December, the holder of such license was required under the law to take out a fresh license on the 1st of January. If he intended to wind-up his business on the 31st March, he was still bound to take out a license for the year, but he would be entitled to a refund after he had closed his business.

The HON'BLE THE ADVOCATE-GENERAL observed that when a man knew that his license had expired he was bound to take out a fresh one, and if he failed to do so he was liable to prosecution under the Act.

The motion was then agreed to.

The HON'BLE MR. REYNOLDS moved that the Bill be passed. He said it was not altogether usual to move for the passing of a Bill on the day on which the report of the Select Committee was first taken into consideration, but though this Bill was one of no great importance, it was necessary that it should be submitted for the assent of the Governor-General in time to admit of its becoming law by the 1st of April. This might of course be done even if there was an adjournment for a week, and he had no objection to such an adjournment if the Council desired it, but as he understood that there would be no further business ready for that day week, it seemed hardly necessary to trouble the Council to meet only for the purpose of passing a small Bill of this kind.

The motion was agreed to, and the Bill was then passed.

The Council was adjourned to a day of which notice will be given.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 18th February 1882.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
Western Districts.			
BURDWAN DIVN.	1 Burdwan, Feb. 18 '82	1.84	Weather—cloudy. Sugarcane is being pressed. Rice sells at from 28 to 33 seers per rupee. Public health improving.
	Cutwa ...	0.3	
	Culna ...	0.5	
	2 Bankura, „ 18 „	0.36	Weather—cloudy throughout the week except to-day (18th), which is clear and bright. Prospects of winter crops continue favourable. The slight rain during the week has done much good to standing crops.
	Bishenpore ...	Nil	General health is improving, but sporadic cases of cholera appear here and there.
	Maliara ...	0.35	
	Khatra ...	0.32	
	3 Beerbhoom, „ 18 „	0.13	Weather—cool and windy during latter part of week. <i>Rubbee</i> crops ripening. The rain, though slight, will do good. Cholera reported from various places.
PRESIDENCY DIVN.	4 Midnapore, „ 18 „	0.18	Weather—seasonable. State and prospects of the crops are generally favourable. Prices low. Fever abated. A few cases of cholera.
	5 Hooghly, „ 18 „	0.81	Weather—stormy and variable <i>Boro</i> rice being sown. Sugarcane has given a good yield. Public health generally good.
	Howrah, „ 20 „	1.40	Weather—changeable. Unusually cold wind for some days. Paddy outturn 14 annas for the Moheshrekha sub-division. Sugarcane being cut and pressed. Tobacco promising.
	Moheshrekha ...	2.40	
	Central Districts.		
	6 24-Pergunnahs, Feb. 20 '82	3.23	Weather—seasonable, but cloudy, with strong north winds and showers in the early part of the week. Rain has done good to the standing winter crops which promise well. Public health good. Cholera is reported from the Satkhira sub-division.
	7 Naddea, „ 18 „	0.07	Weather—cool and at times cloudy. <i>Rubbee</i> crops are not very good; more rain is wanted. Fever abating. Cholera spreading in other places.
	Kooshtea ...	0.04	
	Meherpore ...	0.28	
RAJSHAHY AND COOCH BEHAR DIVN.	8 Jessore, „ 18 „	1.87	Weather—considerably warmer than last week. Foggy mornings. There has been a general and plentiful rainfall during the week, which has been of infinite service to cultivation and has greatly improved public health.
	Jhenida ...	0.19	
	Magoora ...	0.05	
	Narail ...	1.04	
	Khulna ...	2.68	
	Bagirhat ...	5.1	
	9 Moorsheadabad, „ 18 „	Nil	Weather—mornings are cool, but it is getting warm at noon. The prospects of the crops are favourable. The winter crops are all doing well, but a little more rain would be very beneficial to them. Cholera prevails here and there.
	10 Dinagepore, Feb. 17 '82	0.85	Weather—peculiarly cold, cloudy, and foggy. Heavy rain one night. State of crops good. Ploughing going on. Rice from 23 to 40 seers per rupee.
DACCA DIVN.	11 Rajshahye, „ 18 „	0.29	Weather—cooler. Slight rain during the week. More rain is still wanted for the standing crops <i>Boro</i> dhan being transplanted. Fever prevalent throughout the district, but not of a virulent type. Price of rice 26 to 27 seers per rupee.
	Nattore ...	.32	
	12 Rungpore, „ 17 „	1.26	Weather—fine, rather warm. Sugarcane being pressed. Wheat, pulses and tobacco promising well.
	13 Bogra, „ 18 „	0.58	Weather—rain one night; two days cloudy; the rest of the week dry and windy. <i>Rubbee</i> crops have suffered from the long drought before this week, and the outturn is below the average. Public health fair.
	14 Pabna, „ 18 „	0.04	Weather—cloudy at times, with thunder; but very little rain in Sudder sub-division. State and prospects of crops are good, but rain is wanted. Public health generally good.
	Serajgunge ...	1.28	
	15 Darjeeling, „ 18 „	0.14	Weather—cloudy and cold. A little rain in the beginning of the week. All crops look well. Public health good.
	16 Jalpigoree, „ 18 „	0.37	Weather—clear and cold. Agricultural prospects are generally very good. Health good.
DACCA DIVN.	Cooch Behar, „ 17 „	0.60	Weather—very cold after the rain, becoming warmer now. The rain has much improved the prospects of the tobacco and other standing cold-weather crops. The mustard seed crop has been harvested. Fields being ploughed for early rice.
	Dinbatta ...	1.00	
	Mathabhanga ...	0.1	
	Mekligunge ...	0.11	Rice Rs. 1-12 per maund. Public health good.
	Eastern Districts		
	17 Dacca, Feb. 18 '82	0.60	Weather—seasonable. Cutting of sugarcane still continues; yield average. Mustard being gathered. Winter crops in some parts of the district have suffered from drought and have been damaged by insects. The recent rain will do good. Public health generally good.
	Moonshigunge (for week ending 15th Feb.)	0.16	
	Manickgunge (for week ending 15th Feb.)	0.96	
	18 Furreedpore, „ 18 „	0.78	Weather—cloudy; slight drizzling on the 17th. Prospects of crops on the ground are favourable.
DACCA DIVN.	Madaripore ...	0.15	
	19 Backergunge, „ 16 „	2.12	Weather—stormy and unsettled, ending in heavy rain yesterday (15th), when 1.35 inches fell. Weather now clearing. <i>Til</i> being sown, and prospects generally good; but there must have been some little damage to <i>boro dhan</i> and chillies. Rain in most parts of district; somewhat heavy in north and east. State and prospects of crops are good.
DACCA DIVN.	20 Mymensingh, „ 17 „	0.92	

No.	Districts and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(concluded.)			
<i>Eastern Districts—(concluded.)</i>			
CHITTAGONG DIVN.	21 Chittagong Feb. 21 '82	0.92 during week ending 13th.	Weather—cold. A little rain on Wednesday and Thursday in some places; beneficial for cold weather crops. Prices stationary. Small-pox and cholera still continue.
	22 Noakhally, .....	.....	Return not received.
	23 Tipperah, " 17 "	0.25	Weather—stormy and unsettled. Prospects of crops normal.
	Brahmunberiah ..	2.64	
	Chandpore ..	0.20	
CHITTAGONG DIVN.	24 Chittagong Hill Tracts, " 14 "	2.68	Weather—stormy with rain on the 12th and 13th. Gathering of mustard crop continues. Rain has improved the prospects of sugarcane, tobacco and other cold-weather crops. <i>Jum</i> cutting going on all over the district. General health good.
	Hill Tipperah, " 15 "	1.01	Weather—windy and unsteady. Paddy being still stored up. Prospects of tobacco and chillies continue fair. Some cases of small-pox have occurred in the Hills.
BEHAR.			
PATNA DIVN.	25 Patna Feb. 18 '82	0.07	Weather—cool. Prospects of crops continue good. Public health good.
	Barrh ..	0.75	
	Behar ..	Nil	
	26 Gya, " 18 "	0.32	Weather—stormy. Slight rain fell all over the district. <i>Dhan</i> is being threshed. Fever abating.
	Nowada ..	Slight	
PATNA DIVN.	27 Shahabad, " 18 "	Nil	Weather—cloudy in the middle of week, but clear with western wind at the end. The rain has come too late to do much good to the <i>rubbee</i> crop, which is not large. Sporadic cases of cholera on the Grand Trunk Road since the return of Allahabad pilgrims.
	Buxar ..	0.4	
	Bhabuah ..	Nil	
	28 Durbhuaga, " 18 "	0.70	Weather—cool and cloudy, with strong west wind. There was a good shower of rain, attended with hail and high wind, on the night of the 12th instant. Tobacco and <i>rahar</i> crops have been injured. <i>Rubbee</i> also is somewhat injured in places. Prices of food-grains falling. General health good.
	29 Mozufferpore, " 18 "	0.63	Weather—cloudy during greater part of week. In the Sudder and Seetamarhee sub-divisions the rainfall has been general. Gram, poppy and <i>arher</i> pulse are said to have been slightly injured by hail in most parts of the district. Other crops have greatly benefited by the rain.
BHAGULPORE DIVN.	Hajepore ..	Nil	
	Seetamarhee ..	0.67	
	30 Sarun, " 18 "	0.09	Weather—cloudy in the beginning of the week; bright and cold at the end. Harvesting of paddy crop is over. Prospects of <i>rubbee</i> and poppy crops are good. Pressing of sugarcane going on.
	Sewan ..	0.42	
	Gopalgunge ..	1.27	
BHAGULPORE DIVN.	31 Chumpanun, " 18 "	0.75	Weather—cloudy, with strong west winds; good showers accompanied with hail one day. Prospects of crops good, but the late rain and hail have done some mischief to the poppy and <i>rubbee</i> crops.
	32 Monghyr, Feb. 18 '82	0.23	Slight rain on the 11th and 15th, with hail on the 11th. The rain has done good to most crops with some injury to others. Oil-seeds are being harvested with good outturn.
	33 Bhagulpore, " 18 "	0.47	Weather—refreshing showers on the night of the 11th and on the 15th, succeeded by high west wind. Late showers are beneficial. Prospects of crops continue fair. Some damage from hail reported from Bilipur. Cases of small-pox still reported, otherwise public health good.
	Soopole ..	1.30	
	Muddehpore ..	0.96	
BHAGULPORE DIVN.	34 Purneah, " 18 "	2.61	Weather—very cold during the week. There was a heavy shower of rain with thunder-storms on the night of the 12th instant. The rain was followed by fog and then by strong wind. Prospects of crops fair.
	35 Maldah, " 18 "	0.62	There was a hailstorm with a fall of nearly half an inch of rain. The weather has since been cool. The <i>rubbee</i> crops are ripening. Prospects are fair. Prices of food-grains are cheap and stationary. General health fair.
	36 Sonthal Pergahs, " 18 "	0.06	High north-west winds; cloudy with occasional thunder-storms, but very little rain. <i>Rubbee</i> crops benefited by the rain. Sugarcane being planted. Mohua and mango commencing to flower.
	Deoghur ..	0.16	
	Godda ..	0.30	
ORISSA DIVN.	Rajneshal ..	0.31	
	Jamtara ..	0.60	
	Pakour ..	Few drops	
	37 Cuttack, Feb. 17 '82	0.57	Weather—hot and cloudy at times. There was rain with a hailstorm on Wednesday evening (15th). Reaping of <i>rubbee</i> crops completed. <i>Valua</i> rice doing well. Common rice sells at 32 seers per rupee. Public health good.
	38 Pooree, " 17 "	Nil	Weather—seasonable. <i>Sarud</i> rice still being harvested. In Khoorda sub division land is being ploughed for the ensuing paddy crop. Miscellaneous crops going on well. Common rice sells at from 27 to 37 Calcutta seers for the rupee. Small-pox reported from places. Fever still prevails. Cattle-disease still reported.
ORISSA DIVN.	39 Balasore, " 17 "	0.07	Showers here and there in the district. <i>Rubbee</i> crops are being gathered. Health good. Some cattle-disease reported.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
CHOTA NAGPORE.	40 Hazaribagh, Feb. 17 '82	0.03	Weather—getting warm. <i>Rubbee</i> crops doing well. Health generally good.
	41 Lohardugga, " 18 "	0.33	Weather—variable. There were slight showers during the week, but more rain is badly wanted both for cultivation at head-quarters and for <i>rubbee</i> at Palamow. Public health fair.
	42 Singbnoom, " 17 "	Nil	Weather—somewhat cooler during the week. There has been partial rain in the west of the district. Rain is required in other parts of the district for the cold-weather crops still in the ground. Two cases of cholera occurred in Chyebassa town during the week; no deaths from it. Cattle-disease reported from Kalkapur thanna.
	43 Manbnoom, " 18 "	0.42	Weather—seasonable. There was slight rain during the first part of the week. State of crops good. Cholera and small-pox reported from some thannas; with these exceptions, public health good.

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 21st February 1882.COLMAN MACAULAY,
Offg. Secy. to the Govt. of Bengal.

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in the

Number.		DISTRICTS.	RETAIL SALE: - QUANTITIES PER RUPEE BY																							
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— CUMBOO, BAJRA.			GRASS MILLET— CHOLU, JOWAR.								
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
BENGAL																										
Western Districts.																										
1	Burdwan	...	13 8	13 4	14 0	40 0	34 0	40 0	30 12	31 0	30 0	32 8	32 8	31 8	...	...	...	...	...	...	...	...	...	...	...
2	Bankoora	...	13 8	13 12	14 8	14 0	13 8	18 0	25 0	30 0	25 0	40 0	38 0	32 8	...	...	...	...	...	...	...	...	...	...	...
3	Baerbhoom	...	13 0	12 0	17 0	...	...	...	24 0	24 0	21 0	31 0	31 8	27 0	...	...	...	...	...	...	...	...	...	...	...
4	Midnapore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	Hooghly	...	15 0	13 0	15 0	...	...	...	10 0	10 0	8 0	20 0	20 0	20 0	...	...	...	...	...	...	...	...	...	...	...
	Howrah	...	15 0	15 8	17 0	...	...	...	16 8	16 8	18 0	20 0	20 0	23 0	...	...	...	...	...	...	...	...	...	...	...
Central Districts.																										
	Calcutta	...	13 5	13 5	15 6	26 14	26 14	23 0	10 0	10 0	6 12	17 12	17 12	18 0	...	...	...	26 14	29 0	20 0	...	...	...	...	...
6	24-Pergunnahs	...	13 5	13 5	13 5	25 0	26 8	20 0	10 0	10 8	9 0	20 0	20 0	20 0	...	20 0	...	26 8	17 8	...	...	...	...	...	...
7	Nuddea	...	16 0	16 13	18 13	32 0	32 0	35 9	22 15	17 4	20 0	24 10	24 10	22 14	...	...	...	...	...	...	...	...	...	...	...
8	Jessore	...	14 4	14 0	16 4	...	...	...	21 4	19 0	21 0	29 0	29 0	27 0	...	...	...	...	...	...	...	...	...	...	...
9	Moorshedabad	...	17 0	17 0	18 0	...	...	...	18 0	20 0	22 0	30 0	30 0	30 0	...	...	...	...	...	...	...	...	...	...	...
10	Dinapore	...	14 0	13 0	16 0	24 0	24 0	26 8	25 12	24 0	21 9	30 0	31 4	33 9	...	...	...	...	...	...	...	...	...	...	...
11	Rajshahye	...	13 8 to 16 0	13 8 to 16 8	13 12 to 18 12	48 12	48 12	27 8	22 8 to 24 0	12 8 to 14 0	16 0 to 21 9	26 0 to 32 0	28 2 to 30 0	21 0 to 30 0	...	...	...	...	...	...	...	...	...	...	...
12	Rungpore	...	16 0	15 0	18 0	...	...	...	16 0	15 0	15 0	22 8	22 8	25 11	...	...	...	...	...	...	...	...	...	...	...
13	Bogra	...	21 6	12 12	24 6	...	...	...	20 4	21 0	24 3	31 14	33 12	39 6	...	...	...	...	...	...	...	...	...	...	...
14	Pubna	...	22 8	22 8	21 0	...	...	...	10 0	10 0	14 0	27 0	28 8	32 0	...	...	...	...	...	...	...	...	...	...	...
15	Darjeeling	...	8 0	8 0	8 0	8 0	8 0	8 0	6 0	5 0	5 0	15 0	13 0	13 0	...	...	...	...	...	...	...	...	...	...	...
	Julpigoree	...	9 0	9 4	8 12	20 0	20 0	...	13 0	14 5	16 0	23 0	22 0	23 0	...	...	...	...	...	...	...	...	...	...	...
Eastern Districts.																										
17	Dacca	...	14 8	13 5	13 5	40 0	40 0	45 0	27 0	25 0	26 8	35 0	32 0	32 0	...	...	...	...	...	...	...	...	...	...	...
18	Furreedpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	Backergunge	...	...	...	...	...	...	...	23 0	23 0	20 0	29 0	29 0	32 0	...	...	...	...	...	...	...	...	...	...	...
20	Mymensingh	...	11 0	9 12	11 8	...	...	...	20 0	22 12	20 0	30 0	30 0	25 0	...	...	...	...	...	...	...	...	...	...	...

* Returns not received.

- A In the interior prices range as follow:—Wheat 14 to 17 seers, barley (in Cutwa) 40 seers, best rice 24½ to 26 seers, common rice 29 to 31 seers, gram 27 to 27½ seers, firewood 120 seers, and salt 10 to 10½ seers.
- B In the interior prices range as follow:—Wheat 12 to 18 seers, barley 22 to 36 seers, best rice 22 to 32 seers, common rice 25 to 40 seers, maize or Indian-corn 18 to 52 seers, gram 11 to 22 seers, firewood 160 to 440 seers, and salt 9 to 12 seers.
- C In the interior prices range as follow:—Wheat 13-8 to 25 seers, best rice 21 to 32 seers, common rice 27 to 38 seers, gram 18 to 27 seers, firewood 80 to 200 seers, and salt 9 to 10-8 seers.
- D In the interior prices range as follow:—Wheat 12 to 19 seers, barley 19 to 32½ seers, best rice 17 to 34 seers, common rice 20 to 25 seers, gram 16 to 23 seers, firewood 2½ to 6 maunds, and salt 9 to 10 seers.
- E In the interior prices range as follow:—Wheat 13-5 seers and barley 25 seers (at Bhowanipore only), best rice 10 seers, common rice 19 to 32 seers, gram 22-5 seers, firewood 90 to 100 seers, and salt 9 seers.
- F In the interior prices range as follow:—Wheat 15½ to 27 seers, barley 32 to 40 seers, best rice 8½ to 21½ seers, common rice 24½ to 30 seers, maize or Indian-corn (in Koochtea) 15 seers, gram 20 to 32 seers, firewood 80 to 200 seers, and salt 9½ to 10 seers.
- G In the interior prices range as follow:—Wheat 8 to 11 seers, best rice 9 to 26 seers, common rice 25 to 34 seers, gram 8 to 16 seers, firewood 2½ to 4 maunds, and salt 8 to 8½ seers.

Districts of Bengal for the Fortnight ending 15th February 1882.

THE SEER OF 80 TOLAHS.												WHOLESALE PRICES PER MAUND OF 40 SEERS.												DISTRICTS.						
LESSER MILLET— KAGI OR MURWA AND CHHUNA.						MAIZE OR INDIAN CORN.						GRAM.			FIRWOOD.			SALT.			SALT.									
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.							
S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	R. A. P.	R. A. P.		R. A. P.					
...	26	0	24	8	24	0	120	0	100	0	80	0	10	0	10	0	10	0	3 14 0	3 12 0	...	Burdwan.			
...	40	0	36	0	44	0	21	0	20	8	20	0	320	0	320	0	9	0	9	0	9	0	4 3 0	4 4 0	...	Bankoora.		
...	43	0	45	0	...	...	21	0	24	0	18	0	180	0	180	0	9	8	9	4	9	0	4 3 0	4 5 0	...	Beerbhoom.		
...	Midnapore.		
...	21	0	22	0	18	0	100	0	120	0	120	0	9	0	9	0	9	0	3 13 0	4 0 0	...	Hooghly.			
...	22	8	22	8	20	0	80	0	80	0	80	0	10	0	9	0	10	0	3 14 0	3 12 0	4 0 0	...	Howrah.		
Central District.																														
...	31	14	40	0	29	0	24	12	24	12	20	0	90	0	90	0	90	0	8	0	8	0	10	0	4 0 0	4 0 0	4 0 0	Calcutta.
...	32	0	32	0	29	0	22	8	21	8	21	8	100	0	100	0	90	0	9	0	9	0	9	8	4 0 0	4 0 0	4 0 0	24-Pergunnahs.
...	29	0	29	0	26	10	...	...	...	120	0	10	0	9	0	10	0	3	12	3	4	0 0	...	Nuddea.	
...	17	0	22	0	18	4	110	0	110	0	110	0	8	0	8	0	8	0	4	0	4	0 0	...	Jessore.	
...	33	0	33	0	29	0	120	0	120	0	120	0	9	0	9	4	{ 9 8 to 10 0 }	4	0	4	0 0	...	Moorshedabad.		
...	20	0	19	0	14	8	160	0	160	0	180	0	9	0	9	0	8	8	4	4	0 4	6 0	...	Dinapore.	
...	{ 13 8 to 16 0 }	{ 14 6 to 30 0 }	{ 21 0 to 24 0 }	240	0	240	0	240	0	9	6	9	6	9	6	9	6	4	6	0 4	6 0	...	Rajshahye.		
...	12	0	12	0	11	4	135	0	135	0	120	0	9	0	9	0	8	12	4	6	0 4	6 0	...	Rungpore.	
...	15	0	5	0	18	0	67	8	67	8	67	8	8	10	8	10	8	10	4	4	0 4	4 4	...	Bogra.	
...	21	0	20	8	17	8	200	0	200	0	200	0	9	9	9	10	9	8	4	1	6 4	2 0 4	1 6	Pubna.	
9	0	9	0	9	0	20	0	20	0	18	0	8	0	8	0	8	0	160	0	160	0	6	0	5	0	6	0 0	6	0 0	Darjeeling.
...	16	0	13	5	11	5	128	0	128	0	64	0	9	0	9	0	8	0	4	4	0 4	2 0	...	Julpigore.	
Eastern Districts.																														
...	26	8	25	0	20	0	100	0	100	0	106	0	10	0	10	0	9	11	3	13	0 3	12 0	4	2 0	Dacca.
...	Furzedpore.
...	21	0	21	0	18	0	100	0	100	0	100	0	8	0	8	0	8	8	4	8	0 4	8 0	...	Backergunge.	
...	20	0	20	0	19	0	...	...	...	...	...	...	9	12	10	0	9	8	4	2	0 4	0 0	...	Mymensingh.	

- H In the interior prices range as follow :—Wheat 14 to 20 seers, barley 38 to 50 seers, best rice 18 to 25 seers, common rice 27 to 31 seers, gram 24 to 29 seers, firewood 100 to 140 seers, and salt 9 to 9½ seers.
- I In the interior prices range as follow :—Wheat 12 to 15 seers, barley (in Nitpore) 12 seers, best rice (in Roygunge) 26½ seers, common rice 33½ to 37½ seers, gram 12 to 15 seers, firewood (in Roygunge) 3½ maunds, and salt (in Roygunge) 8 seers.
- J In the interior prices range as follow :—Wheat 12 to 18 seers, barley 15-8 seers (in Bagdogra only), best rice 15 to 24 seers, common rice 20 to 25 seers, lesser millet 32 seers (in Kurigram only), gram 14 to 12-12 seers, firewood 80 to 200 seers, and salt 8 to 9 seers.
- K In Serajgunge prices are—Wheat 24 seers, best rice 0 seers, common rice 26½ seers, gram 18 seers, and salt 9 seers.
- L In the interior prices range as follow :—Wheat 7 seers, best rice 16 seers, common rice 18 to 26 seers, lesser millets 12 seers, maize 16 to 21 seers, gram 10 to 16 seers, firewood 160 seers, and salt 6-8 to 9 seers.
- M In the interior prices range as follow :—Wheat (in Boda) 9 seers, best rice 13 to 17 seers, common rice 16 to 26½ seers, gram 8 to 10½ seers, firewood 44 seers, and salt 6 to 8 seers.
- N In the interior prices range as follow :—Wheat 24 seers, barley 52-8 seers, best rice 16 to 28 seers, common rice 26 to 31 seers, gram 26 to 30 seers, firewood 80 to 120 seers, and salt 8 to 10 seers.
- O In the interior prices range as follow :—Best rice 24 to 27 seers, common rice 28 to 34 seers, gram 10 to 20 seers, firewood 60 to 140 seers, and salt 8 seers.
- P In the interior prices range as follow :—Wheat 10 to 13½ seers, best rice 10 to 32 seers, common rice 21 to 40 seers, gram 10 to 18 seers, and salt 8 to 9½ seers.

PRICES-CURRENT of Food-grains, Firewood, and Salt in the

RETAIL SALE :—QUANTITIES PER RUPEE BY THE

Number.	DISTRICTS.	RETAIL SALE :—QUANTITIES PER RUPEE BY THE																							
		WHEAT.			BARLEY.			*RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— CUMBOO, BAJRA.			*GRAT MILLET— CHOLU, JOWAR.								
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.						
Eastern Districts.—(Concluded.)																									
21	Chittagong	9 0	9 0	12 4	...	...	...	18 0	18 0	17 0	24 0	24 0	30 0	...	...	...	...	...	...
22	Noakholly	...	...	...	...	...	...	28 0	28 0	22 0	32 0	32 0	29 0	...	...	...	...	...	...
23	Tipperah	11 8	11 12	13 0	...	...	...	27 8	27 8	26 8	36 0	36 0	39 0	...	...	...	...	...	...
24	Chittagong Hill Tracts.	...	...	...	...	...	...	13 5	13 5	16 0	16 0	17 3	...	...	...	...	...	...	...
	Hill Tipperah	10 0	10 0	9 0	...	...	...	24 0	23 0	21 0	33 0	36 0	33 0	...	...	...	...	...	...
BEHAR.																									
25	Patna	19 0	19 0	24 0	50 0	40 0	40 0	13 6	12 0	16 0	28 0	20 0	26 10	...	...	...	...	...	...
26	Gya	14 0	16 0	22 0	35 0	36 0	40 0	11 8	11 8	14 8	22 0	23 0	25 0	...	...	...	31 0	32 0	...			
27	Shahabad	14 8 to 16 0	15 0 to 17 0	20 0 to 21 0	38 0	38 0	38 0	20 0 to 22 0	20 0 to 22 0	23 0	23 0 to 24 0	23 0 to 25 0	25 0	...	...	...	...	...	...
28	Durbhunga	14 0	14 0	22 4	25 0	...	55 0	14 0	14 0	14 0	24 0	24 0	21 0	...	...	...	...	...	...
29	Mozufferpore	12 0	14 0	19 0	40 0	40 0	45 0	12 0	13 0	11 0	21 0	21 0	22 0	...	...	...	...	...	...
30	Sarun	13 0	16 0	18 0	44 0	45 0	46 0	10 0	10 0	10 4	23 0	23 0	22 8	...	...	...	40 0	44 0	40 0			
31	Chumpran	14 0	17 0	21 0	50 0	50 0	46 0	12 0	12 0	14 0	28 0	28 0	23 0	...	...	...	...	...	...
32	Monghyr	15 0	17 0	18 14	55 0	45 0	42 0	13 0	18 0	16 12	22 0	24 0	22 0	...	...	...	...	...	...
33	Bhagulpore	13 14	13 14	15 12	37 14	46 0	50 0	22 12	15 2	20 3	27 12	25 4	24 0	...	...	...	...	...	...
34	Purneah	15 0	16 0	18 0	40 0	40 0	40 0	26 0	29 0	26 0	32 0	32 0	32 0	...	...	...	...	...	...
35	Maldah	16 0	22 0	16 0	...	...	...	20 0	23 0	15 0	26 0	28 0	27 0	...	...	...	...	...	...
36	Sonthal Perghs.	11 0	14 0	13 0	...	...	...	25 0	25 0	24 0	30 0	30 0	26 0	...	...	...	...	...	...
ORISSA.																									
37	Cuttack	18 6	18 6	17 1	...	...	...	18 6	18 6	15 12	28 14	28 14	26 4	...	...	...	...	...	...
38	Pooree	14 0	13 12	13 0	...	...	...	20 0	20 0	19 0	32 8	32 8	32 8	...	...	...	...	...	...
39	Balasore	13 0	9 0	13 5	...	...	...	26 0	22 0	26 12	32 0	32 0	31 12	...	...	...	...	...	...
CHOTA NAGPORE.																									
South-Western Frontier Agency.																									
40	Hazareebagh	12 0	12 0	18 0	24 0	24 0	19 0	12 0	10 0	12 0	24 0	24 8	25 0	...	...	...	...	...	...
41	Lohardugga	12 0	13 0	16 0	...	...	...	22 0	22 0	24 0	26 0	28 0	26 0	...	...	...	...	...	...
42	Singbnoom	21 0	21 0	16 0	40 0	40 0	32 0	32 0	32 0	32 0	36 0	36 0	36 0	...	...	...	...	...	...
43	Mabnoom	13 0	12 0	13 0	...	...	24 0	21 0	21 0	21 0	33 0	32 0	34 0	...	...	...	...	...	...

Q In the interior prices range as follow :—Best rice 18 to 24 seers, common rice 24 to 32 seers, and salt 8 to 9 seers.

R In the interior prices range as follow :—Best rice 20 to 35 seers, common rice 29 to 40 seers, and salt 6 to 10 seers.

S In Nowada prices are :—Wheat 12 seers, barley 45 seers, common rice 26 seers, lesser millets 5 seers, maize or Indian corn 45 seers, grain 30 seers, firewood 5 maunds, and salt 8 seers.

T In the interior prices range as follow :—Wheat 14-8 to 16-8 seers, barley 32-8 to 37-8 seers, best rice 11 to 15 seers, common rice 13-8 to 24-8 seers, bulrush-millet 31 seers, and great millet 3 seers (in Buxar only), lesser millets 35 to 42-8 seers, maize 34 to 35 seers, grain 29 to 31 seers, firewood 90 to 320 seers, and salt 8 to 9 seers.

U In the interior prices range as follow :—Wheat 10 to 22-8 seers, barley 20 to 70 seers, best rice 12 to 30 seers, common rice 20 to 33 seers, lesser millets 45 to 70 seers, maize 40 to 75 seers, grain 26 to 40 seers, firewood 100 to 160 seers, and salt 8 to 10 seers.

V In the interior prices range as follow :—Wheat 16 8 to 22 seers, barley 50 to 80 seers, best rice 16 to 23-4 seers, common rice 25 to 33 seers, lesser millets 60 seers (in Gobindgunge), maize 50 to 65 seers, grain 22 to 40 seers, firewood 92 seers (in Bettiah only), and salt 8 to 9-8 seers.

districts of Bengal for the Fortnight ending 15th February 1882.—(Concl'd.)

SEER OF 80 TOLAHS																		WHOLESALE PRICES PER MAUND OF 40 SEERS.						DISTRICTS.
LESSER MILLET— RAGI OR MURWA AND CHERNA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD.			SALT.			SALT.									
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.							
Eastern Districts.—(Concluded).																								
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs.A.P.	Rs.A.P.	Rs.A.P.						
...	...	...	...	...	...	16 0	16 0	14 0	80 0	80 0	80 0	10 0	10 0	10 0	3 11 0	3 11 0	3 14 0	...	Chittagong.
...	...	...	...	...	...	16 0	16 0	16 0	...	...	...	9 0	9 0	8 0	4 4 0	4 4 0	...	...	Noakholly.
...	...	...	...	...	...	20 0	19 0	17 0	...	...	...	9 4	9 4	9 8	4 2 0	4 2 0	...	...	Tipperah.
...	...	...	...	...	...	...	...	...	320 0	320 0	320 0	8 0	8 0	8 0	5 0 0	5 0 0	...	...	Chittagong Hill Tracts.
...	...	...	...	...	...	13 0	13 0	19 0	...	...	...	8 0	8 0	8 0	4 4 0	4 4 0	...	...	Hill Tipperah.
BEHAR.																								
...	...	...	45 0	52 0	40 0	39 0	35 0	35 0	130 0	130 0	100 0	9 1	9 1	9 14	3 15 6	3 15 6	...	...	Patna.	
...	...	...	45 0	36 0	36 0	42 0	32 0	35 0	32 0	140 0	140 0	160 0	9 0	9 0	9 0	4 3 0	4 3 0	...	Gya.			
...	...	...	42 0	42 0	37 0	{ 32 0 32 0 to to 33 0 34 0 }			33 0	120 0	120 0	120 0	9 8	10 0	9 4	4 0 0	4 0 0	...	Shahabad.			
40 0	40 0	40 0	40 0	40 0	40 0	26 0	26 0	37 0	160 0	160 0	180 0	8 6	8 0	9 4	4 6 10	4 6 10	...	...	Darbhunga.			
...	...	...	48 0	53 0	42 8	27 0	30 0	25 0	140 0	140 0	140 0	9 0	9 0	9 8	4 4 0	4 4 0	...	...	Muzafferpoore.	
34 0	34 0	34 0	37 0	42 0	38 0	31 0	31 0	30 0	160 0	160 0	160 0	9 0	9 0	9 0	4 4 0	4 4 0	...	...	Saran.			
...	...	...	48 0	60 0	42 0	24 0	32 0	18 0	...	...	...	8 12	8 8	8 0	4 8 0	...	...	...	Chumpanon.
...	...	...	50 0	45 0	42 0	32 0	32 0	31 8	120 0	120 0	126 0	8 0	9 8	8 6	5 0 0	4 8 0	...	...	Monghyr.	
...	...	...	44 7	75 12	46 14	31 9	32 12	31 0½	137 8	137 8	132 13	9 7	9 7	9 6	3 13 6	3 13 6	...	...	Bhagnipore.	
...	...	...	...	...	...	23 0	25 0	22 0	120 0	120 0	120 0	8 0	9 0	8 0	4 7 1½	4 11 0	...	...	Purneah.
...	...	...	...	...	...	20 0	22 0	20 0	130 0	120 0	100 0	9 0	9 0	9 0	4 6 0	4 5 0	...	...	Maldah.
...	...	...	40 0	50 0	50 0	20 0	20 0	20 0	200 0	200 0	200 0	8 0	8 0	8 0	4 8 0	4 8 0	...	...	Sonthal Perghs.	
ORISSA.																								
14 7	14 7	14 7	...	...	...	23 10	23 10	27 9	160 0	160 0	160 0	11 0	11 0	11 0	3 8 0	3 8 0	...	...	Cuttack.
...	...	...	...	...	...	20 0	20 0	18 0	105 0	105 0	100 0	11 0	11 0	11 0	13 3 6	6 3 6 0	...	...	Pooree.
...	...	...	...	...	...	16 0	16 0	13 5	160 0	128 0	91 0	9 3	9 3	9 4	3 12 0	3 12 0	...	...	Balasore.
CHOTA NAGPORE.																								
South-Western Frontier Agency.																								
42 0	36 0	43 0	36 0	36 0	42 0	27 0	26 0	29 0	240 0	240 0	240 0	8 0	8 0	8 0	4 2 0	4 2 0	...	...	Hazareebagh.			
46 0	46 0	56 0	30 0	32 0	32 0	16 0	16 0	20 0	120 0	140 0	160 0	7 8	7 8	8 0	5 0 0	5 0 0	...	...	Lohardugga.			
...	...	...	...	...	...	21 0	21 0	16 0	160 0	160 0	160 0	7 0	7 0	7 0	5 8 35	8 3	...	...	Singhoom.
60 0	60 0	64 0	45 0	45 0	40 0	20 0	19 8	20 0	120 0	120 0	130 0	8 8	8 8	9 0	4 6 0	4 6 0	0 0	...	Manbhoom.					

W In Begusarai prices are—Wheat 16 seers, barley 65 seers, best rice 21 seers, common rice 25 seers, great millet 50 seers, lesser millets 60 seers, maize or Indian-corn 50 seers, gram 45 seers, firewood 4 maunds, and salt 8 seers.

X In the interior prices range as follow:—Wheat 14 to 25 seers, barley 50 seers (in Soolpool only), best rice 22-8 to 32 seers, common rice 30 to 37 seers, lesser millets 55 to 70 seers, gram 20 to 26 seers, firewood 160 seers, and salt 8 seers.

Y In the interior prices range as follow:—Wheat 13 to 20 seers, barley 40 seers, best rice 16 to 26 seers, common rice 28 to 33 seers, gram 13 to 23 seers, firewood 64 to 120 seers, and salt 8 seers.

Z In Godda Sub-Division the prices are—Wheat 12-8 seers, barley 26 seers, best rice 32 seers, common rice 37 seers, maize 55 seers, gram 25 seers, firewood 128 seers, and salt 8 seers.

Z1 In the interior prices range as follow:—Wheat 13½ to 14 seers, barley 30 to 40 seers, best rice 15 seers, common rice 23½ to 25 seers, lesser millets 35 to 60 seers, maize or Indian-corn 30 to 32 seers, gram 25 to 30 seers, firewood 200 to 320 seers, and salt 8½ to 9 seers.

Z2 In the interior prices range as follow:—Wheat 14 to 16 seers, barley (in Jhalda) 20 seers, best rice 24 to 28 seers, common rice 25 to 32 seers, great millet (in Govindpore) 40 seers, lesser millets (in Govindpore) 60 seers, gram 16 to 22 seers, firewood 6 to 9 maunds, and salt 8 seers.

Published for general information.

COLMAN MACAULAY,
Offg. Secy. to the Govt. of Bengal.

WHOLESALE PRICES-CURRENT of Food-grains, Firewood, and Salt in

Number.	MARTS.	PRICES PER MAUND														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET-CUMBOO, BAJRA.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	8 0 0	3 0 0	2 9 0	1 8 0	1 8 0	1 12 0	4 0 0	4 0 0	6 0 0	2 4 0	2 4 0	2 4 0	...	...	...
2	Serajgunge ...	1 12 0	...	...	...	...	...	3 12 0	...	...	1 6 6	...	...	...	...	...
3	Dacca ...	1 11 0	2 15 0	3 0 0	0 15 0	0 15 0	0 13 0	1 6 0	1 9 0	1 6 0	1 2 0	1 3 0	1 3 0	...	...	...
4	Naraingunge..	...	...	...	...	...	...	1 6 0	1 5 0	1 8 0	1 4 0	1 4 0	1 4 0	...	...	...
5	Chittagong' ...	...	...	...	...	...	...	2 0 0	2 0 0	2 5 9	1 9 0	1 9 0	3 10 0	...	...	...
6	Patna ...	2 0 0	2 0 0	1 10 9	0 13 6	0 14 0	1 0 0	2 14 0	3 0 0	2 8 0	1 6 3	1 13 0	1 8 0	...	...	...
7	Balasore ...	3 0 0	4 0 0	3 0 0	...	...	...	1 8 0	1 12 0	1 12 0	1 4 0	1 0 0	1 5 0	...	...	...
8	Pooree ...	...	...	...	...	...	...	...	...	...	1 4 0	1 4 0	1 5 0	...	...	...
9	Cuttack ...	2 0 0	2 0 0	2 2 0	...	...	...	2 0 0	2 0 0	2 5 0	1 5 0	1 5 0	1 8 0	...	...	...

CALCUTTA,

The 21st February 1882.

the undermentioned Marts of Bengal for the Fortnight ending 15th February 1882.

OF 40 SEERS.

GRANAT MILLET— CHOLUM, JOWAR.			LESSER MILLET— RAGI OR MURWA AND CHEENA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	
1 8 0	1 6 0	2 0 0	...	...	...	1 4 0	1 0 0	2 6 0	1 10 0	1 10 0	0 2 0 0	0 6 30	6 30	6 3	4 0 0	4 0 0	4 0 0	Calcutta.
...	2 0 0	...	...	...	...	...	4 4 6	...	...	Serajunge.
...	1 7 0	1 8 0	0 2 0 0	0 6 00	6 00	5 0	3 13	0 3 12	0 4 2 0	Dacca.
...	1 8 0	1 12	0 2 4 0	0 7 00	7 00	0 8 0	3 12	0 3 12	0 4 4 0	Naraingunge.
...	3 11	0 3 11	0 3 14 0	Chittagong.
...	0 15	0 13 0	1 0 0	1 0 0	1 0 0	1 2 0	0 5 00	5 00	6 3	3 15	6 3 15	6	Patna.
...	2 8 0	2 8	0 3 0 0	0 4 00	5 00	7 0	3 12	0 3 12	0 4 6 1	Balasore.
...	3 6	0 3 6 0	...	Pooree.
...	2 10	0 2 10	0 2 10 0	...	...	...	1 9 0	1 9 0	1 6 0	0 4 00	4 00	4 0	3 8	0 3 8 0	3 8 0	Cuttack.

Published for general information.

COLMAN MACAULAY,
Offg. Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 12th to 18th February 1882.

Month.	Date.	Maximum in sun.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Miles recorded.	Rain.	WEATHER.
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.				
1882.		☉	Inches.	☉	☉	☉	☉	☉	Inches	☉	%.				Inches.	
Feb.	12th	139.5	29.764	73.7	81.5	16.8	64.7	70.8	0.717	69.3	86	SSE and SSW	...	256	2.09	Day cloudy, night clear, d, o, g, p, t, <.
"	13th	134.1	85.6	71.3	79.3	15.5	63.8	64.7	536	60.9	72	NW by W and calm	...	51	Nil	Clear, ☐, ☐.
"	14th	140.9	85.8	72.4	85.1	23.7	61.4	68.2	644	66.2	81	Calm and SW by S	...	102	0.14	Day cloudy, night clear, ☐, p.
"	15th	141.8	87.6	78.0	84.1	20.5	63.6	69.4	668	67.2	80	S, E and variable	...	139	Nil	Chiefly cloudy, ☐, ☐, g.
"	16th	142.2	86.9	69.9	80.3	19.8	60.5	66.2	595	63.9	81	ENE and ESE	...	118	0.17	Partially cloudy, p.
"	17th	147.6	81.7	76.4	86.5	23.2	63.3	72.6	748	70.5	82	SE by S and variable	...	107	Nil	Day cloudy, night clear, o, g, ☐.
"	18th	135.5	89.7	67.5	83.6	21.1	62.5	67.1	829	47.4	48	NW by N and WNW	...	118	"	Partially cloudy, ☐.

The mean pressure of the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	inches.
The average pressure of the corresponding period for 24 years, S. G. Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29.848
The mean temperature of the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	☉
The average temperature of the corresponding period for 24 years, S. G. Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	72.7
The extreme variation of temperature during the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	72.9
The maximum temperature during the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26.0
The highest velocity of the wind in one hour during the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	86.5
The highest pressure of the wind on one square foot during the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Miles.
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	lb.
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	%
The mean relative humidity during the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	76
The average relative humidity of the corresponding period for 24 years, S. G. Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	67
The total fall of rain from 12th to 18th February 1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Inches.
The average fall of the corresponding period for 24 years, S. G. Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.40
The total fall from 1st January to 18th February 1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.24
The average fall of the corresponding period for 24 years, S. G. Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.33
The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h and 22h.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.15
The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The mouth of the rain-gauge is one foot above the ground.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
d drizzling rain, o overcast, g gloomy, p passing temporary showers, t thunder, < lightning, ☐ g, ☐ dew.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

METEOROLOGICAL OFFICE, INDIA,
The 20th February 1882.

JOHN ELIOT,
Offg. Meteorological Reporter to the Government of India.

Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 12th to 18th February 1882.

MONTH.	Date.	TEMPERATURE.				HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.	Vapour tension.	Dew point.	Humidity.	
1882.		o	o	o	o	Inches.	o	%	Inches.
February	12th ...	71.7	84.7	18.9	67.8	.637	65.8	79	0.62
"	13th ...	71.9	80.8	17.0	63.8	.478	57.7	63	1.43
"	14th ...	73.5	85.8	22.7	63.1	.658	66.8	76	.....
"	15th ...	75.7	84.8	15.9	68.9	.727	69.5	80	0.06
"	16th ...	69.8	82.0	21.1	60.9	.560	62.2	75	0.18
"	17th ...	77.4	87.8	17.1	70.7	.636	65.8	68	.....
"	18th ...	70.4	79.3	16.4	62.9	.841	48.4	46	.....

o

The mean temperature of the seven days 72.9
The extreme variation of temperature during the seven days 26.9
The maximum temperature during the seven days 87.8

%

The mean relative humidity during the seven days 70

Inches.

The total fall of rain from 12th to 18th February 1882 2.29

The mean temperature is obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

The means of the hygrometric elements are the crude means of the values derived from the three readings of the instruments.

METEOROLOGICAL OFFICE, INDIA,
The 20th February 1882.

JOHN ELIOT,
Offg. Meteorological Reporter to the Govt. of India.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR 1881-82.

Areas leased for Irrigation up to end of December 1881.

CIRCLE.	DISTRICT.	CANAL.	SUPPLY OF WATER IN THE CANALS.				KHURREEF.				RUBBEE.				SUGARCANE.				GRAND TOTAL.				RAINFALL.			REMARKS.	
			FIVE-YEAR LEASES.		THREE-YEAR LEASES.		ANNUAL LEASES.		THREE-YEAR LEASES.		ANNUAL LEASES.		SUGARCANE.		GRAND TOTAL.		RAINFALL.										
			Estimated full discharge in cubic feet per second.	Average discharge in cubic feet per second throughout the month.	Estimated discharge utilized.	Leased in Decem-ber 1881.	Leased up to end of Decem-ber 1881.	Total, inclusive of unexpired leases of previous years.	Leased in Decem-ber 1881.	Leased up to end of Decem-ber 1881.	Total, inclusive of unexpired leases of previous years.	Leased in Decem-ber 1881.	Leased up to end of Decem-ber 1881.	Total, inclusive of unexpired leases of previous years.	Leased in Decem-ber 1881.	Leased up to end of Decem-ber 1881.	Total, inclusive of unexpired leases of previous years.	Leased in Decem-ber 1881.	Leased up to end of Decem-ber 1881.	Total, inclusive of unexpired leases of previous years.	Leased in Decem-ber 1881.	Leased up to end of Decem-ber 1881.	Total, inclusive of unexpired leases of previous years.	Inches during the month.	Inches during 1881-82.		Average of the ten previous years of the same period.
Orissa	Cutteck	{Kondrapara Pattamcondes High Level, Section I Taldanda Matchcong High Level, Sec- tion II.	1,269	239.40	* A deduction of 84 acres has been made, it having been found unirrigable.
			1,042	32.96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			675	171.07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			1,300	0.00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			650	0.00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Balasore	{Total of the month Total of the corresponding month of previous year Midnapore Howrah	727.16	0.00	(a) Exclusive of 50.49 11 acres leased prior to 1st April last. (b) Exclusive of one acre under Maach-ang Canal leased prior to 1st April last.
			
			
			
			
South-Western	{Shahabad Buxar Arrah Patna and Gya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			
			
			
			
Sone	{Total of the month Total of the corresponding month of previous year Grand total of the month Grand total of the corresponding month of previous year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			
			
			
			

Dated 10th February 1882.

G. F. E. S. NEILL, Major, M.S.C.,
Asst. Secy. to the Govt. of Bengal,
in the P. W. Dept.

PUBLIC WORKS DEPARTMENT, - BENGAL.

IRRIGATION BRANCH.

Statement showing heights over mean sea-level and low water on Rivers Ganges, Bhagirathce, and Brahmapootra for the month of January 1882.

Date.	Miles.	RIVER GANGES.										BRAHMAPOOTRA.		
		Mirzapore.	Benares.	Ennas.	Dinapore.	Monghyr.	Sahibgunge.	Rampore Bauleah.	Goalundo.	Berhampore.	Krishnaghar.	Gowhatty.		
		Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.
1st	...	below zero	below zero	below zero	below zero	below zero	below zero	below zero	below zero	below zero	below zero	below zero	below zero	below zero
2nd	...	133	196.59	0.21	196.59	101.58	66.58	43.42	3.33	1.33	10.62	1.83	10.62	1.83
3rd	...	150	196.55	0.25	196.55	101.55	66.42	43.42	3.33	1.31	10.58	1.79	10.58	1.79
4th	...	150	196.51	0.29	196.51	101.52	66.33	43.33	3.33	1.29	10.53	1.79	10.53	1.79
5th	...	158	196.47	0.33	196.47	101.43	66.33	43.33	3.33	1.29	10.53	1.79	10.53	1.79
6th	...	158	196.43	0.37	196.43	101.39	66.25	43.25	3.33	1.27	10.53	1.79	10.53	1.79
7th	...	158	196.38	0.41	196.38	101.35	66.08	43.25	3.33	1.25	10.53	1.79	10.53	1.79
8th	...	167	196.34	0.45	196.34	101.33	65.90	43.12	3.33	1.23	10.53	1.79	10.53	1.79
9th	...	167	196.30	0.49	196.30	101.33	65.72	43.08	3.33	1.21	10.53	1.79	10.53	1.79
10th	...	167	196.26	0.53	196.26	101.33	65.54	43.08	3.33	1.19	10.53	1.79	10.53	1.79
11th	...	183	196.22	0.57	196.22	101.33	65.36	42.96	3.33	1.17	10.53	1.79	10.53	1.79
12th	...	183	196.18	0.61	196.18	101.33	65.18	42.96	3.33	1.17	10.53	1.79	10.53	1.79
13th	...	183	196.13	0.65	196.13	101.33	65.00	42.96	3.33	1.17	10.53	1.79	10.53	1.79
14th	...	183	196.09	0.69	196.09	101.33	64.82	42.96	3.33	1.17	10.53	1.79	10.53	1.79
15th	...	183	196.05	0.73	196.05	101.33	64.64	42.96	3.33	1.17	10.53	1.79	10.53	1.79
16th	...	183	196.01	0.77	196.01	101.33	64.46	42.96	3.33	1.17	10.53	1.79	10.53	1.79
17th	...	183	195.97	0.81	195.97	101.33	64.28	42.96	3.33	1.17	10.53	1.79	10.53	1.79
18th	...	183	195.93	0.85	195.93	101.33	64.10	42.96	3.33	1.17	10.53	1.79	10.53	1.79
19th	...	183	195.89	0.89	195.89	101.33	63.92	42.96	3.33	1.17	10.53	1.79	10.53	1.79
20th	...	183	195.85	0.93	195.85	101.33	63.74	42.96	3.33	1.17	10.53	1.79	10.53	1.79
21st	...	183	195.81	0.97	195.81	101.33	63.56	42.96	3.33	1.17	10.53	1.79	10.53	1.79
22nd	...	183	195.77	1.01	195.77	101.33	63.38	42.96	3.33	1.17	10.53	1.79	10.53	1.79
23rd	...	183	195.73	1.05	195.73	101.33	63.20	42.96	3.33	1.17	10.53	1.79	10.53	1.79
24th	...	183	195.69	1.09	195.69	101.33	63.02	42.96	3.33	1.17	10.53	1.79	10.53	1.79
25th	...	183	195.65	1.13	195.65	101.33	62.84	42.96	3.33	1.17	10.53	1.79	10.53	1.79
26th	...	183	195.61	1.17	195.61	101.33	62.66	42.96	3.33	1.17	10.53	1.79	10.53	1.79
27th	...	183	195.57	1.21	195.57	101.33	62.48	42.96	3.33	1.17	10.53	1.79	10.53	1.79
28th	...	183	195.53	1.25	195.53	101.33	62.30	42.96	3.33	1.17	10.53	1.79	10.53	1.79
29th	...	183	195.49	1.29	195.49	101.33	62.12	42.96	3.33	1.17	10.53	1.79	10.53	1.79
30th	...	183	195.45	1.33	195.45	101.33	61.94	42.96	3.33	1.17	10.53	1.79	10.53	1.79
31st	...	183	195.41	1.37	195.41	101.33	61.76	42.96	3.33	1.17	10.53	1.79	10.53	1.79

G. F. E. S. NEILL, Major, M.S.C.,
Asst. Secy. to the Govt. of Bengal, P. W. Dept.

Dated 7th February 1882.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing the total amount of Traffic and Tolls on the Canals for the month of December 1881.

ORISSA CIRCLE.

Kendrapara Canal and its Branch to Gundakia on the Gobri River.

LENGTH OF CANAL OPEN—54 MILES.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

		Mds.	Rs.				Rs. A. P.	A. P.
2	Bricks	60	20	100	4	114	1 10 0	.....
1	Cotton	50	500	117	4	64	1 0 0	.....
11	Dry fish	570	3,200	1,448	52	1,854	38 4 0	.....
196	Empty boats	.....	.....	24,671	882	35,882	315 8 0	.....
43	Firewood	600	60	1,200	47	1,785	36 6 0	.....
1	Gram	200	800	315	11	462	9 12 0	.....
1	Gunny-bags	100	600	250	9	380	7 8 0	.....
7	Hides	1,500	15,000	2,837	101	3,645	83 7 0	.....
22	Jaggery	3,940	19,700	6,526	234	4,005	149 13 0	.....
6	Jute	1,340	6,500	2,007	71	721	32 9 0	.....
38	Miscellaneous	7,295	53,650	12,609	450	16,818	388 8 0	.....
13	Mails	.....	.....	4,568	163	6,965	162 4 0	.....
1	Oil-cake	400	400	702	25	840	19 13 0	.....
9	Paddy	1,620	3,240	2,340	83	3,112	51 11 0	.....
61	Passengers (1,530 in number)	.....	.....	16,203	580	24,284	651 3 0	.....
57	Rice	21,300	81,200	34,312	1,223	51,450	1,021 12 0	.....
1	Rope	10	50	25	1	40	1 0 0	.....
8	Salt	1,520	7,600	2,281	81	2,856	58 0 0	.....
3	Sleepers	600	1,800	1,612	68	2,436	79 0 0	.....
3	Til-seed	600	3,000	1,166	42	1,764	37 6 0	.....
2	Tents, &c.	100	300	183	7	280	1 8 0	.....
5	Timbers	250	750	408	18	646	13 13 0	.....
1	Wheat	400	2,000	603	25	1,050	21 15 0	.....
454	Total	42,455	2,00,430	1,16,813	4,173	1,62,033	3,173 10 6	0 3 8
382	Total of same month last year	29,030	1,88,610	89,019	3,179	1,07,636	2,130 11 2	0 3 8
MISCELLANEOUS.								
4	Rafts of bamboos (20,350 in number)	.....	150	.....	.....	.....	19 1 3	.....
...	Timbers (47 in number)	.....	180	.....	.....	.....	17 4 0	.....
...	Small khatwas (3 in number)	.....	.....	.....	.....	.....	0 11 0	.....
...	Demurrage on boats	.....	.....	.....	.....	.....	2 8 0	.....
...	Logs (21 in number)	.....	5	.....	.....	.....	0 15 9	.....
4	Total	.....	335	.....	.....	.....	40 8 0	.....
26	Total of same month last year	.....	710	.....	.....	.....	519 2 5	.....

In comparing with the corresponding month of last year, the private trade shows an increase of Rs. 564, which is due to the increase of traffic in items rice and passengers.

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

75	Empty boats	.....	.....	16,359	585	24,404	253 8 0	.....
102	Laterite stone	25,000	500	54,306	1,942	81,564	1,789 15 0	.....
2	Miscellaneous stores, &c.	500	500	1,126	40	1,680	35 12 0	.....
179	Total	25,500	1,000	71,851	2,567	1,07,648	2,079 4 0	0 3 7
48	Total of same month last year	11,150	230	18,073	645	12,244	205 7 0	0 3 2
MISCELLANEOUS.								
8	Boats passed free*	.....	.....	.....	.....	.....	.....	.....
8	Total	.....	.....	.....	.....	.....	.....	.....
132	Total of same month last year	.....	.....	.....	.....	.....	.....	.....

* A memorandum of free boats is attached.

ABSTRACT.

456	Private, including miscellaneous	42,455	2,00,765	1,16,813	4,173	1,62,033	3,214 2 6	.....
187	Government stores, including miscellaneous	25,500	1,000	71,851	2,567	1,07,648	2,079 3 0	.....
645	Grand Total	70,955	2,01,765	1,88,664	6,740	2,69,681	5,293 5 6	.....
593	Grand Total of same month last year	40,180	1,89,550	1,07,092	3,824	1,19,880	2,855 4 7	.....

† Of this, Rs. 639-5-1 is the total collection of Gobree canal locks, and Rs. 4,654-0-5 is the collection of Kendrapara lock.

Kendrapara Canal—concluded.

MEMO.						Rs. A. P.	
Unrecovered balance on the 1st of the month	...	...	...	...	...	4,963	8 6
Amount of tollage for the month	...	...	...	...	...	5,293	5 6
Total						10,256	14 0
Amount credited in the accounts for the month	...	...	...	...	...	2,814	8 9
Balance at the end of the month	...	...	...	...	...	7,442	5 3

MEMO. OF FREE BOATS.					Tollage realizable.	
PARTICULARS.	No. of boats.	Maundage.	Tonnage.		Rs. A. P.	
Boats passed for Government officials on duty	8	692	25		12	8 6
Total	8	692	25		12	8 6

High Level Canal, Range I.
 LENGTH OF CANAL OPEN—34½ MILES.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.								
(1)—PRIVATE.								
		Mds.	Rs.				Rs. A. P.	A. P.
3	Country potatoes	100	200	194	7	133	2 3 9	.....
55	Empty boats	.....	.....	5,180	185	5,658	48 13 6	.....
2	Gram	20	80	50	2	42	0 12 0	.....
3	Gingelly	250	1,000	435	16	534	10 2 0	.....
1	Hides	20	200	75	3	102	1 14 0	.....
4	Jaggery	450	2,250	725	26	442	6 6 0	.....
5	Miscellaneous	550	2,000	1,021	37	1,192	22 14 0	.....
14	Passengers (125 in number)	.....	.....	1,393	50	1,616	33 2 6	.....
6	Rice	200	800	377	13	442	9 6 0	.....
9	Salt	750	3,750	1,358	48	1,500	3 4 0	.....
2	Salt fish	100	600	179	6	180	4 4 0	.....
1	Timber	30	100	57	2	48	5 4 0	.....
105	Total	2,470	10,980	11,044	395	11,979	178 5 9*	0 2 9
97	Total of same month last year	4,280	19,150	13,224	473	13,433	259 8 9	0 3 7
MISCELLANEOUS.								
Nil.								
...	Total	.....	.....	.....	.....	.....	.....	.....
...	Total of same month last year	.....	.....	.....	.....	.....	.....	.....

* In comparing with the corresponding month of last year, the private trade shows a decrease of Rs. 81, which is due to the falling off of traffic in items salt, gingelly, and passengers.

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

15	Empty boats	.....	.....	3,143	112	1,910	18 3 0	.....
2	Iron bridges, &c.	.....	.....	1,402	50	1,700	34 6 0	.....
16	Latérite stone	4,000	60	6,996	250	250	34 12 0	.....
33	Total	4,000	60	11,541	412	3,860	87 5 0	0 4 3
41	Total of same month last year	4,800	1,570	12,224	436	2,164	70 8 0	0 6 3
MISCELLANEOUS.								
2	Boats passed free...	.....	.....	.....	.....	.....	.....	.....
2	Total	.....	.....	.....	.....	.....	.....	.....
1	Total of same month last year	.....	.....	.....	.....	.....	.....	.....

† A memorandum of free boats is attached.

ABSTRACT.

105	Private, including miscellaneous	2,470	10,980	11,044	395	11,979	178 5 9	.....
35	Government stores, including miscellaneous	4,000	60	11,541	412	3,860	87 5 0	.....
140	Grand Total	6,470	11,040	22,585	807	15,839	265 10 9	.....
139	Grand Total of same month last year	9,080	20,720	25,448	909	15,597	330 0 9	.....

MEMO.						Rs. A. P.	
Unrecovered balance on the 1st of the month	...	...	...	...	...	379	15 9
Amount of tollage for the month	...	...	...	...	...	265	10 9
Total						645	10 6
Amount credited in the accounts for the month	...	...	...	...	...	337	6 6
Balance at the end of the month	...	...	...	...	...	288	4 0

MEMO. OF FREE BOATS.					Tollage realizable.	
PARTICULARS.	No. of boats.	Maundage.	Tonnage.		Rs. A. P.	
Boats passed for Government officials on duty	2	474	17		8	7 0
Total	2	474	17		8	7 0

Taldunda Canal.

LENGTH OF CANAL OPEN—27½ MILES.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

		Mds.	Rs.				Rs. A. P.	A. P.
1	Spices	562	2,000	1,062	38	38	1 5 3	.....
4	Jaggery	1,029	5,145	1,356	48	1,213	13 9 3	.....
1	Til seed	562	1,690	1,062	38	38	1 5 3	.....
2	Mustard	679	2,032	919	33	491	4 9 6	.....
3	Clothes	1,888	9,000	3,188	113	113	3 15 9	.....
1	Tundy	355	20	578	20	205	2 14 3	.....
1	Tuker	42	5	75	3	41	0 6 0	.....
1	Coal	162	200	300	11	11	0 6 0	.....
43	Passengers	.....	.....	22,932	819	3,276	120 5 0	.....
15	Empty	.....	.....	4,423	158	948	9 3 10	.....
72	Total	5,079	20,096	35,895	1,281	6,374	158 0 1	0 47
67	Total of same month last year	4,858	1,775	35,965	1,284	6,084	186 5 1	0 58
MISCELLANEOUS.								
...	12,000 Bamboos	.....	215	.....	.....	.....	16 2 0	.....
...	1,481 Passengers	.....	.....	.....	.....	.....	18 6 11	.....
...	Total	.....	215	.....	.....	.....	34 8 11	.....
...	Total of same month last year	.....	485	.....	.....	.....	49 0 0	.....

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

25	Rubble	10,008	413	17,232	615	1,231	86 3 0	.....
25	Empty	.....	.....	7,139	255	510	17 13 10	.....
50	Total	10,003	413	24,371	870	1,741	104 0 10	0 114
10	Total of same month last year	4,550	152	7,583	270	4,061	37 14 9	0 17
MISCELLANEOUS.								
...	Nil.	.....	.....	.....	.....	.....	.....	.....
...	Total	.....	.....	.....	.....	.....	.....	.....
...	Total of same month last year	.....	.....	.....	.....	.....	.....	.....

ABSTRACT.

72	Private, including miscellaneous	5,079	20,311	35,895	1,281	6,374	192 9 0	.....
50	Government stores, including miscellaneous	10,003	413	24,371	870	1,741	104 0 10	.....
122	Grand Total	15,172	20,724	60,266	2,151	8,115	296 9 10	.....
7	Grand Total of same month last year	9,588	2,412	43,548	1,555	10,145	273 4 8	.....

MEMO.

Rs. A. P.

Unrecovered balance on the 1st of the month	.....	42 8 9
Amount of tollage for the month	.....	296 9 10
Total	.....	339 2 7
Amount credited in the accounts for the month	.....	262 12 2
Balance at the end of the month	.....	76 6 5

High Level Canal, Range II.

LENGTH OF CANAL OPEN—12½ MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

1	Cart (1 in number)	50	10	144	5	60	1 9 0	.....
1	Dry fish	50	300	162	6	72	1 14 0	.....
10	Empty boats	.....	.....	1,183	42	406	6 9 0	.....
1	Gingelly	50	200	125	4	48	1 15 0	.....
3	Jaggery	250	1,250	682	24	288	8 2 0	.....
1	Khessary	100	400	308	11	132	3 12 0	.....
4	Salt	1,000	5,000	1,881	67	469	23 2 0	.....
8	Passengers (84 in number)	.....	.....	576	21	250	6 5 0	.....
29	Total	1,500	7,160	5,061	180	1,725	53 4 0	0 59
28	Total of same month last year	1,600	8,750	5,679	204	1,939	64 13 3	0 64
MISCELLANEOUS.								
...	Bamboos (8,400 in number)	.....	100	.....	.....	.....	2 10 0	.....
...	Small dougahs	.....	.....	.....	.....	.....	13 5 0	.....
...	Total	.....	100	.....	.....	.....	15 15 0	.....
...	Total of same month last year	.....	1,420	.....	.....	.....	41 3 0	.....

In comparing with the corresponding month of last year, the private trade shows a decrease of Rs. 37, which is due to the falling off of traffic in items passengers and timbers.

High Level Canal, Range II—concluded.

Number of Boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			
(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.								
		Mds.	Rs.				Rs. A. P.	Rs. A.
117	Empty boats ... ..	.....	.....	22,567	806	9,672	134 3 6	.....
13	Firewood	2,000	200	4,208	150	1,800	50 5 0	.....
5	Gyles	500	80	1,677	60	720	20 5 0	.....
40	Laterite stone	11,000	200	20,673	738	8,856	253 12 0	.....
6	Rubble	1,500	30	2,659	95	1,130	32 13 0	.....
76	Sand	18,000	300	35,159	1,256	15,072	430 5 0	.....
3	Lime (ghooting) ..	600	150	1,124	40	480	13 12 0	.....
260	Total	33,600	960	88,067	3,145	37,730	935 7 6	0 4 8
77	Total of same month last year	9,300	280	25,269	902	16,824	265 10 0	0 4 7
MISCELLANEOUS.								
...	Small dongahs ... ..	.....	.....	.....	.....	.....	0 9 0	.....
...	Total ... ..	.....	.....	.....	.....	.....	0 9 0	.....
...	Total of same month last year ... ..	.....	.....	.....	.....	.....	.....	.....

ABSTRACT.

29	Private, including miscellaneous	1,500	7,260	5,061	180	1,725	69 3 0	.....
260	Government stores, including miscellaneous	33,600	960	88,067	3,145	37,730	936 0 6	.....
289	Grand Total	35,100	8,220	93,128	3,325	39,455	1,005 3 6	.....
105	Grand Total of same month last year	10,900	10,450	30,948	1,106	12,763	371 10 0	.....

MEMO.

Unrecovered balance on the 1st of the month ... ..	...	...	...	...	...	...	Rs. A. P.
Amount of tollage for the month ... ..	...	...	...	...	...	...	755 3 6
	...	...	...	...	...	...	1,005 3 6
Amount credited in the accounts for the month ... ..	...	...	...	...	...	Total	1,760 7 0
	...	...	...	...	...	...	763 0 6
Balance at the end of the month ... ..	...	...	...	...	...	...	997 6 6

High Level Canal, Range III.

LENGTH OF CANAL OPEN—6½ MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

8	Empty boats ... ..	...	...	205	7	49	1 1 6	.....
2	Jaggery	150	750	358	13	91	4 6 0	.....
8	Passengers (50 in number) ... ..	...	...	576	21	147	5 8 0	.....
13	Total	150	750	1,139	41	287	10 13 6	0 7 3
14	Total of same month last year	330	3,200	2,075	73	511	17 0 1	0 6 4
MISCELLANEOUS.								
...	Gyles (273 in number) ... ..	...	80	...	...	...	1 6 9	.....
...	Logs (82 in number) ... ..	...	100	...	...	...	3 13 6	.....
...	Moondies (29 in number) ... ..	...	150	...	...	...	3 10 0	.....
...	Total ... ..	...	330	...	...	...	8 14 3	.....
...	Total of same month last year ... ..	...	...	...	...	...	...	.....

In comparing with the corresponding month of last year, the private trade shows an increase of Rs. 3, which is due to the increase of traffic in items logs and timbers.

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

13	Bricks	2,300	125	5,019	179	1,233	60 10 0	.....
45	Empty boats ... ..	...	...	6,010	215	1,505	46 0 6	.....
12	Firewood	2,000	200	4,488	160	1,150	54 6 0	.....
24	Laterite stone	6,000	100	11,983	428	2,906	145 9 0	.....
12	Rubble	2,700	50	5,244	187	1,909	63 12 0	.....
8	Sand ... ..	...	...	4,975	140	1,022	49 7 0	.....
113	Total	12,700	475	36,821	1,315	9,235	419 12 6	0 8 7
15	Total of same month last year	1,700	170	4,500	161	2,240	47 8 0	0 4 1
MISCELLANEOUS.								
...	Nil.	...	...	...	...	...	...	.....
...	Total ... ..	...	...	...	...	...	...	.....
...	Total of same month last year ... ..	...	...	...	...	...	...	.....

ABSTRACT.

13	Private, including miscellaneous	150	1,080	1,139	41	287	10 13 9	.....
114	Government stores, including miscellaneous	12,700	475	36,821	1,315	9,235	419 12 6	.....
127	Grand Total	12,850	1,555	37,960	1,356	9,522	430 10 3	.....
29	Grand Total of same month last year	2,050	3,370	6,375	234	2,751	64 8 1	.....

	MEMO.	Rs. A. P.
Unrecovered balance on the 1st of the month	...	129 10 10
Amount of tollage for the month	...	439 10 3
	Total	569 5 1
Amount credited in the accounts for the month	...	111 8 7
Balance at the end of the month	...	457 12 6

SOUTH-WESTERN CIRCLE.

Midnapore Canal.

LENGTH OF CANAL OPEN—53 MILES.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

		Mds.	Rs.			Rs. A. P.	A. P.
19	Coal	7,595	2,701	13,250	.....	155 1 6	.....
14	Coke	5,550	2,270	7,600	.....	76 7 0	.....
4	Earthenware	175	170	1,000	.....	5 2 0	.....
35	.....	3,175	816	7,565	.....	39 6 6	.....
67	Sand	13,850	2,010	24,475	.....	92 2 0	.....
2	Lime	100	75	250	.....	0 15 0	.....
31	Timbers (104 in number)	1,583	5,008	4,170	.....	61 10 0	.....
6	Firewood	326	93	815	.....	5 0 9	.....
10	Iron	2,650	14,050	5,350	.....	81 0 0	.....
32	Brass	5,220	2,23,500	12,525	.....	109 2 6	.....
4	Silk	180	12,600	850	.....	7 7 0	.....
11	Cotton	1,225	22,290	3,150	.....	30 13 0	.....
13	Piece-goods (European)	700	49,000	2,950	.....	29 8 0	.....
6	Gunny (Indian, 670 in number)	470	1,010	1,175	.....	4 6 6	.....
37	Jute	4,570	18,460	9,765	.....	38 15 9	.....
5	Mats	205	780	695	.....	3 14 3	.....
482	Paddy	43,835	26,654	85,700	.....	1,493 11 6	.....
304	Rice	59,959	85,190	1,20,905	.....	1,436 0 9	.....
6	Wheat	350	1,400	1,075	.....	12 10 0	.....
104	Gram	13,230	38,905	81,330	.....	288 14 0	.....
29	Mustard seed	3,385	12,955	8,300	.....	49 12 6	.....
3	Til	550	1,700	1,375	.....	19 8 6	.....
1	Other oilseed	200	800	425	.....	3 11 6	.....
2	Mustard oil	100	1,200	375	.....	3 4 6	.....
10	Other oils	1,760	8,220	3,620	.....	35 12 0	.....
3	Oil-cake	580	380	950	.....	3 9 0	.....
8	Indigo	1,030	56,900	2,235	.....	62 15 0	.....
25	Fruits	4,635	9,305	9,425	.....	101 12 6	.....
2	Vegetables	280	1,350	725	.....	8 13 0	.....
20	Tobacco	2,400	15,430	5,660	.....	69 5 6	.....
49	Cocoanuts (192,250 in number)	3,224	3,370	9,845	.....	116 4 9	.....
12	Straw (93 kahans)	1,440	677	4,775	.....	24 2 0	.....
7	Betelnuts	950	6,450	2,325	.....	44 9 6	.....
17	Sugar, unrefined	1,625	4,875	3,605	.....	36 2 9	.....
70	Salt	20,450	81,700	42,825	.....	485 1 0	.....
2	Saggi	500	1,100	1,000	.....	15 0 0	.....
10	Cattle (291 in number)	1,250	4,005	2,745	.....	18 11 3	.....
7	Hides (6,500 in number)	1,100	16,500	2,625	.....	32 0 6	.....
2	Horns	100	1,000	425	.....	3 11 6	.....
1,249	Empty boats	.....	.....	92,100	.....	900 13 3	.....
1,149	Passenger boats	.....	.....	77,410	.....	758 7 6	.....
39	Betel-leaves	2,270	9,600	6,195	.....	25 14 3	.....
13	Goats and sheep (550 in number)	188	1,900	1,335	.....	17 10 0	.....
49	Sail piles (3,360 in number)	7,441	18,661	6,065	.....	169 13 0	.....
2	Stone plates	450	2,250	900	.....	13 8 0	.....
55	Cotton twist and yarn (European)	6,475	2,17,250	18,015	.....	180 7 9	.....
13	Do. piece-goods (Indian)	355	36,000	1,780	.....	14 13 3	.....
14	Curd	826	2,412	2,480	.....	28 1 6	.....
64	Miscellaneous	4,633	15,805	13,330	.....	133 6 3	.....
1	Other fibres, raw	30	150	100	.....	0 14 0	.....
2	Rubble stones	90	270	300	.....	6 6 0	.....
1	Other kinds of dyeing materials	10	50	100	.....	0 14 0	.....
4,112	Total	2,30,909	10,10,917	6,58,495	23,517	4,71,356	7,287 15 0
3,569	Total of same month last year	2,04,617	11,23,929	6,26,920	22,390	4,27,548	6,617 8 3
MISCELLANEOUS.							
...	Passengers (14,678 in number)	.....	.....	.....	.....	286 10 3	.....
...	Demurrage, &c.	.....	.....	.....	.....	11 14 3	.....
13	Boats passed free	.....	.....	.....	.....	.....	.....
13	Total	.....	.....	.....	.....	298 8 6	.....
31	Total of same month last year	.....	.....	.....	.....	296 2 9	.....

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total	.....	.....	.....	.....	.....	.....
Total of same month last year	.....	.....	.....	.....	.....	.....
MISCELLANEOUS.	Nil	Nil	Nil	Nil	Nil	Nil
Total	.....	.....	.....	.....	.....	.....
Total of same month last year	.....	.....	.....	.....	.....	.....

Arrah Canal—concluded.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			
ABSTRACT.								
		Mls.	Rs.				Rs. A. P.	A. P.
316	Private, including miscellaneous ...	54,326	1,80,430	85,864	3,056	1,86,298	1,333 13 6	.....
19	Government stores, including miscellaneous	707	1,767	2,936	104	4,628	41 1 6	.....
335	Grand Total ...	55,033	1,91,197	88,800	3,160	1,90,926	1,374 15 0*	.....
219	Grand Total of same month last year ...	26,912	54,500	49,419	1,758	53,941	603 4 8	.....

* The increase is due to the collection of Main Western canal tolls made by the Buxar Division on account of this division.

MEMO.

						Rs. A. P.
Unrecovered balance on the 1st of the month ...	...	...	...	...	...	111 8 3
Amount of tollage for the month ...	...	...	...	...	...	1,374 15 0
Amount credited in the accounts for the month ...	...	...	...	...	Total	1,486 7 3
Balance at the end of the month ...	...	...	...	...	...	1,428 6 0
						58 1 3

Western Main Canal.

LENGTH OF CANAL OPEN—22 MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

60	Wheat ...	29,100	58,200	38,975	1,362	23,684	243 9 6	.....
1	Ghee ...	200	4,000	325	11	187	2 0 6	.....
2	Mahua fruit... ..	500	500	800	24	437	5 0 0	.....
1	Skins ...	300	500	425	15	255	2 10 6	.....
1	Saltpetre ...	100	400	125	4	78	0 12 6	.....
3	Gairoo ...	700	350	1,075	38	646	6 11 6	.....
2	Linseed ...	800	3,200	1,075	38	476	6 11 6	.....
9	Mustard ...	3,600	14,400	5,100	182	3,064	36 11 0	.....
2	Empty boats ...	.....	.....	125	4	68	0 7 6	.....
1	Extra freight ...	.....	.....	.....	.....	.....	0 4 0	.....
82	Total ...	35,300	81,550	48,025	1,712	28,905	304 14 6	0 2 0
34	Total of same month last year ...	11,900	52,500	18,075	643	33,772	401 11 9	0 2 2
...	MISCELLANEOUS.							
...	Nil.	.....	.....	.....	.....	.....	.....	.....
...	Total ...	.....	.....	.....	.....	.....	.....	.....
...	Total of same month last year ...	.....	.....	.....	.....	.....	.....	.....

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

50	Building stone ...	14,900	745	21,675	774	7,740	163 2 6	.....
50	Total ...	14,900	745	21,675	774	7,740	163 2 6	0 4 0
12	Total of same month last year ...	3,000	150	4,025	142	2,152	25 4 6	0 2 2
...	MISCELLANEOUS.							
...	Nil.	.....	.....	.....	Nil.	.....	.....	.....
...	Total ...	.....	.....	.....	.....	.....	.....	.....
...	Total of same month last year ...	.....	.....	.....	.....	.....	.....	.....

ABSTRACT.

82	Private, including miscellaneous ...	35,300	81,550	48,025	1,712	28,905	304 14 6	.....
50	Government stores, including miscellaneous	14,900	745	21,675	774	7,740	163 2 6	.....
132	Grand Total ...	50,200	82,295	69,700	2,486	36,645	468 1 0	.....
46	Grand Total of same month last year ...	14,900	52,650	22,100	785	35,924	427 0 3	.....

MEMO.

						Rs. A. P.
Unrecovered balance on the 1st of the month ...	...	...	...	...	...	109 6 0
Amount of tollage for the month ...	...	...	...	...	...	468 1 0
Amount credited in the accounts for the month ...	...	...	...	...	Total	577 7 6
Balance at the end of the month ...	...	...	...	...	...	151 10 9
						425 12 3

Patna Canal.

LENGTH OF CANAL OPEN—86½ MILES.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

		Mds.	Rs.				Rs. A. P.	A. P.
1	Rice	20	20	66	2	45	0 7 6	.....
11	Wheat	4,750	9,500	6,510	232	19,355	199 3 6	.....
4	Salt	545	2,725	1,339	47	3,384	34 12 3	.....
17	Other food	3,674	6,235	5,557	198	12,556	130 15 3	.....
1	Linseed	200	600	337	15	980	7 10 0	.....
5	Stimulants	1,020	3,100	2,256	80	2,994	30 15 0	.....
4	Clothing	725	3,900	1,251	45	2,581	30 3 6	.....
3	Building materials	950	300	1,302	47	3,871	39 13 6	.....
72	Miscellaneous	10,911	34,244	20,381	726	46,613	428 14 0	.....
1	Soorkee engine	.....	.....	444	16	79	0 12 9	.....
103	Empty boats	.....	.....	11,997	393	23,186	116 5 6	.....
222	Total	22,795	60,129	51,439	1,801	1,15,644	1,020 0 9	0 16
518	Total of same month last year	34,135	1,64,994	71,544	2,549	1,57,396	1,471 8 9	0 17
MISCELLANEOUS.								
.....	Bamboos and bullahs (916,532 in number)	.....	8,550	.....	.....	.....	365 6 6	.....
.....	Passengers (16 in number)	.....	.....	.....	.....	.....	10 6 3	.....
.....	Fees for issuing duplicate tickets	.....	.....	.....	.....	.....	1 0 0	.....
.....	Total	.....	8,550	.....	.....	.....	376 13 3	.....
.....	Total of same month last year	.....	11,990	.....	.....	.....	112 9 9	.....

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

5	Packing rubble	2,650	260	4,375	156	8,898	34 14 0	.....
20	Road metal	6,750	480	8,869	317	26,377	134 12 3	.....
2	Kunker	900	40	1,624	58	1,740	12 12 0	.....
2	Earthen pipes	.....	.....	453	16	923	9 2 6	.....
10	Empty boats	.....	.....	2,749	91	1,727	10 7 9	.....
39	Total	10,300	780	17,870	638	34,695	202 0 6	0 11
48	Total of same month last year	5,600	3,930	11,196	397	12,478	73 0 0	0 11
MISCELLANEOUS.								
4	Steamers passed free	.....	.....	.....	.....	.....	.....	.....
1	Cargo boat ditto	.....	.....	.....	.....	.....	.....	.....
5	Total	.....	.....	.....	.....	.....	.....	.....
6	Total of same month last year	.....	.....	.....	.....	.....	.....	.....

ABSTRACT.

222	Private, including miscellaneous	22,795	68,679	51,439	1,801	1,15,644	1,390 14 0	.....
44	Government stores, including miscellaneous	10,300	780	17,870	638	34,595	202 0 6	.....
266	Grand Total	33,095	69,459	69,309	2,439	1,50,239	1,598 14 6	.....
372	Grand Total of same month last year	39,735	1,20,914	82,740	2,946	1,69,874	1,657 2 6	.....

MEMO.

Rs. A. P.

Unrecovered balance on the 1st of the month	.....	.....	.....	.....	109 8 0
Amount of tollage for the month	.....	.....	.....	.....	1,598 14 6
Total	.....	.....	.....	.....	1,708 6 6
Amount credited in the accounts for the month	.....	.....	.....	.....	1,616 11 3
Balance at the end of the month	.....	.....	.....	.....	91 11 3

*Buxar Canal.*LENGTH OF CANAL OPEN—43 $\frac{3}{4}$ MILES.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

		Mds.	Rs.				Rs. A. P.	A. P.
14	Wheat	1,175	2,350	4,375	156	5,616	60 2 6	.....
2	Jaggery	325	975	325	11	176	1 13 3	.....
13	Mahoonah	526	716	561	20	408	4 14 9	.....
1	Ghee	62	124	73	2	72	1 0 6	.....
2	Cotton	290	1,400	375	13	644	6 15 9	.....
6	Kunkur ... ..	.....	.....	1,775	63	1,260	7 2 9	.....
4	Fuel	685	1,370	825	29	493	5 2 6	.....
2	Passengers and goods ... ..	.....	.....	175	6	222	2 8 3	.....
47	Empty boats ... ..	.....	.....	5,710	212	5,070	26 0 9	.....
80	Total	2,973	6,935	14,196	512	13,961	115 13 0	0 1 7
5	Total of same month last year	300	18	900	31	342	4 4 9	0 2 4
MISCELLANEOUS.								
...	Rafts of bamboos ... ..	.....	.....	.....	.....	.....	91 5 6	.....
...	Do. buliahs ... ..	.....	.....	.....	.....	.....	34 3 6	.....
...	Do. firewood ... ..	.....	.....	.....	.....	.....	18 13 0	.....
...	Total ... ..	.....	.....	.....	.....	.....	144 6 0	.....
...	Total of same month last year ... ..	.....	.....	.....	.....	.....	.....	.....

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

1	Rubble stone ... ..	.....	.....	325	11	497	2 5 4	.....
2	Lime ... ..	.....	.....	1,087	38	.....	7 12 3	.....
8	Iron ... ..	.....	.....	.....	.....	.....	41 10 9	.....
2	Pump and engines	400	1,200	625	22	1,276	13 11 6	.....
50	Empty boats ... ..	.....	.....	6,675	238	9,193	49 9 9	.....
63	Total	400	1,200	8,712	309	10,876	115 1 7	0 2 0
33	Total of same month last year ... ..	.....	.....	4,822	170	2,416	25 13 3	0 2 0
MISCELLANEOUS.								
...	Nil. ... ..	.....	.....	.....	.....	.....	.....	.....
...	Total ... ..	.....	.....	.....	.....	.....	.....	.....
...	Total of same month last year ... ..	.....	.....	.....	.....	.....	.....	.....

ABSTRACT.

80	Private, including miscellaneous	2,973	6,935	14,196	512	13,961	260 3 0	.....
63	Government stores, including miscellaneous	400	1,200	8,712	309	10,876	115 1 7	.....
143	Grand Total	3,373	8,135	22,908	821	24,837	375 4 7	.....
38	Grand Total of same month last year	300	18	5,722	201	2,758	30 2 0	.....

MEMO.

Rs. A. P.

Unrecovered balance on the 1st of the month ... ..	...	...	...	...	14 0 0
Amount of tollage for the month ... ..	...	...	...	...	375 4 7
Total ... ..	...	...	...	...	389 4 7
Amount credited in the accounts for the month ... ..	...	...	...	...	377 6 7
Balance at the end of the month ... ..	...	...	...	...	11 14 0

ABSTRACT.

CANALS.	TRAFFIC, 1881-82.		TRAFFIC, 1880-81.		REMARKS.
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.	
ORISSA CIRCLE.					
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Kendrapara	5,293 5 6	22,769 5 9	2,855 4 7	18,379 2 0	
High Level, Range I	265 10 9	2,015 9 3	330 0 9	2,408 13 3	
Taldunda	296 9 10	1,926 1 9	273 4 8	2,122 4 7	
High Level, Range II	1,006 3 6	5,046 3 9	371 10 3	2,222 6 3	
Ditto, do. III	439 10 3	765 13 9	64 8 1	301 14 2	
Total Orissa Circle ...	7,300 7 10	32,523 2 3	3,894 12 4	25,434 8 3	
SOUTH-WESTERN CIRCLE.					
Midnapore	7,586 7 6	78,359 2 6	6,903 11 0	59,213 11 6	
Hidgellee Tidal	2,021 6 3	34,043 5 6	2,612 12 0	37,678 10 6	
Total South-Western Circle ...	9,607 13 9	1,07,402 8 0	9,516 7 0	96,892 6 0	
SONE CIRCLE.					
Arrah	1,374 15 0	11,325 14 0	603 4 8	5,789 2 8	
Western Main	468 1 0	2,753 1 3	427 0 3	1,698 12 0	
Patna	1,598 14 6	23,215 4 10	1,657 2 6	22,118 10 0	
Buxar	375 4 7	2,131 1 1	30 2 0	67 15 6	
Total Sone Circle ...	3,817 3 1	30,425 5 2	2,717 9 5	29,674 8 2	
GRAND TOTAL ...	20,725 8 8	1,79,350 15 5	16,128 12 9	1,52,001 6 5	

GOVERNMENT TRANSPORT SERVICE.

CANALS.	TRAFFIC, 1881-82.						TRAFFIC, 1880-81.					
	During the month.			To end of the month.			During the corresponding month.			To end of the corresponding month.		
	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.
ORISSA CIRCLE.												
Kendrapara, Gobri, and Taldunda	No. 1,200	Mds. 176	Rs. A. P. 2,168 9 9	No. 9,182	Mds. 773	Rs. A. P. 20,695 2 7	No. 1,128	Mds. 611	Rs. A. P. 2,931 5 1	No. 9,256	Mds. 3,263	Rs. A. P. 21,750 2 2
High Level	202	176	103 14 9	1,465	1,170	725 15 6	239	113	84 12 0	1,776	1,235	862 5 6
Total Orissa Circle ...	1,402	176	2,212 8 6	10,647	1,943	21,421 2 1	1,367	724	3,016 1 1	11,032	4,498	22,612 7 8
SOUTH-WESTERN CIRCLE.												
Midnapore	4,893	647	2,340 0 0	27,474	4,589	13,728 0 0	2,653	399	1,353 0 0	20,243	3,074	9,596 6 9
Total South-Western Circle ...	4,893	647	2,340 0 0	27,474	4,589	13,728 0 0	2,653	399	1,353 0 0	20,243	3,074	9,596 6 9
SONE CIRCLE.												
Arrah	2,010	954	1,318 0 0	20,267	11,719	13,778 0 0	1,605	919	1,145 0 0	10,961	9,520	8,566 7 6
Eastern Main and Patna ...	952	2,252	795 9 0	9,430	21,133	7,569 4 0	886	1,883	689 13 0	8,742	10,402	6,470 2 9
Western Main and Buxar ...	1,030	2,963	636 10 9	8,932	39,548	6,881 5 2	...	...	...	...	...	...
Total Sone Circle ...	3,992	6,169	2,750 3 9	38,629	72,400	28,228 9 2	2,491	2,802	1,834 13 0	19,703	19,922	15,036 10 3
GRAND TOTAL ...	10,287	6,992	7,302 12 3	76,750	78,932	63,377 11 3	6,511	3,925	6,203 14 1	50,978	27,494	47,245 8 8

TOTAL NAVIGATION RECEIPTS.

	EARNINGS, 1881-82.		EARNINGS, 1880-81.		REMARKS.
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Orissa Canals	9,513 0 4	53,944 4 4	6,910 13 5	48,046 15 11	
Midnapore	9,926 7 6	87,087 2 6	8,256 11 0	68,810 2 3	
Hidgellee	2,021 6 3	34,043 5 6	2,612 12 0	37,678 10 6	
Sone	6,567 6 10	67,655 14 4	4,552 6 5	44,711 2 5	
GRAND TOTAL ...	28,028 4 11	2,42,728 10 8	22,332 10 10	1,99,246 15 1	

CALCUTTA,
The 14th February 1882.

G. F. E. S. NEILL, Major, M.S.C.,
Asst. Secy. to the Government of Bengal,
P. W. Dept.

Report on Traffic of the East Indian Railway for five weeks ending
31st December 1881.

THE approximate figures for the period are as follows :—

	Coaching.		Goods.		Total.	Materials carried on Revenue account, including maintenance.	
	No.	Rs.	Mds.	Rs.	Rs.	Mds.	Rs.
1881	752,828	12,00,032	87,10,880	36,30,870	48,30,962	21,73,003	75,178
1880	694,710	12,82,483	77,44,457	35,28,527	48,11,010	19,14,930	82,331
Increase	58,118	...	9,66,443	1,02,343	19,892	2,58,073	...
Decrease ... ..	...	82,451	...	...	...	...	7,153

The periods dealt with are 34 days in 1880 and 35 days in 1881.

COACHING.

The figures show a falling off of 6 per cent. in earnings with an increase of 8 per cent. in numbers carried. Staples show the following fluctuations :—

INCREASES.

Coal, up and down.	Rice.	Indigo.
Fruits.	Wheat.	Jaggree.
Government Ordnance and Commissariat stores.	Pulses.	Salt.
	Gunny.	Sugar.

DECREASES.

Copper.	Iron.	Railway materials (foreign).
Cotton.	Piece-goods.	Seeds.

REMARKS.

Coal, up	...	Mds. 1,74,740	Rs. 50,610
This increase appears at Giridih.	...		
Coal, down	...	Mds. 2,31,920	Rs. 30,760
All the colliery stations, with the exception of Raneegunge, Toposi, Asansol, and Giridih, show an improvement in their despatches.	...		
Fruits	...	Mds. 11,920	Rs. 12,360
There being no disturbance on the frontier this season, the traffic in dry fruits has improved.	...		
Government Ordnance stores	...	Mds.	Rs. 15,670
Commissariat "	...	" 7,730	" 16,920
Consignments of ammunition, &c., from Howrah to up-country military depôts were larger than usual this month.	...		
Rice	...	Mds. 40,940	Rs. 11,480
A demand for rice has sprung up in districts of the North-Western Provinces; the downward rice traffic has been nominal.	...		
Wheat	...	Mds. 4,21,490	Rs. 2,17,230
This is an increase of 60 per cent. in weight and 80 per cent. in earnings on the figures for last year. The demand for export has continued in Calcutta, and large despatches have been made. The principal improvement is shown against Benares in wheat from Oudh.	...		
Pulses	...	Mds. 74,390	Rs. 24,500
Better demand in Calcutta has led to increased supplies from Delhi and stations in Bengal principally.	...		
Gunny	...	Mds. 17,420	Rs. 10,720
The extended movement of country produce has favoured the demand for gunny-bags.	...		
Indigo	...	Mds. 12,260	Rs. 22,870
Larger supplies than usual were available this year.	...		
Jaggree	...	Mds. 69,810	Rs. 28,940
The demand in Rajpootana has been large.	...		
Salt	...	Mds. 72,580	Rs. 28,610
Increases appear at Howrah, Patna, <i>via</i> Delhi and <i>via</i> Agra.	...		
Sugar	...	Mds. 65,500	Rs. 30,340
The demand at stations on the Great Indian Peninsula Railway has improved; also in Rajpootana.	...		

DECREASES.

Copper and copperware	...	Mds. 4,830	Rs. 10,050
Brass	...	" 4,110	" 8,050
These appear to be fluctuations only.	...		
Cotton	...	Mds. 18,040	Rs. 1,17,080
The market in Calcutta is reported to have been dull in December with falling prices.	...		
Iron	...	Mds. 11,810	Rs. 24,010
This falling off is at Howrah, the stocks in Calcutta are said to be large, but the demand is not brisk.	...		
Piece-goods	...	Mds. 24,310	Rs. 64,810
Particulars of the decrease are—	...		
From Howrah	...	Mds. 15,617	Rs. 44,378
<i>Via</i> Jubbulpore	...	" 9,519	" 20,311
The traffic received from the Rajpootna, Malwa Line, <i>via</i> Subarnate and Agra, and <i>via</i> Delhi, amounted to 4,059 maunds only.	...		
Railway material (foreign)	...	Mds. 25,490	Rs. 12,570
Seeds	...	" 1,12,410	" 65,180
In Calcutta the seed market is reported to have been "very dull."	...		

The train mileage for the period has been, excluding maintenance and locomotive coal train mileage—

	Coaching.	Goods.	Total.
1881	215,367	562,221	807,588
1880	234,175	556,791	790,966
Increase	11,192	5,430	16,622
Decrease ... ..	...	...	...

Earnings per train-mile, excluding materials carried on Maintenance and Revenue account—

			Coaching.	Goods.	Total.
			Rs. A. P.	Rs. A. P.	Rs. A. P.
1881	...	...	4 14 3	6 7 4	5 15 9
1880	...	...	5 7 8	6 5 5	6 1 4
Increase	...	...	...	0 1 11	...
Decrease	...	...	0 9 6	...	0 1 7

Shunting mileage, increase—hours 2,139.

EAST INDIAN RAILWAY.

Statement showing the Totals and Increases and Decreases of Staples during five weeks ending 31st December 1881.

STAPLES.	WEIGHT.		AMOUNT.		1881.			
	1880.	1881.	1880.	1881.	Increase.		Decrease.	
	Mds.	Mds.	Rs.	Rs.	Mds.	Rs.	Mds.	Rs.
Beer, Commissariat	10,200	11,810	6,660	6,180	1,610	...	...	480
" not Commissariat	4,700	3,770	6,690	5,390	...	...	930	1,300
Betelnuts and leaves	16,580	17,140	16,680	21,890	560	5,210	...	...
Boots and shoes	3,080	2,930	5,090	4,720	...	...	150	370
Brass and brassware	25,590	21,480	24,090	16,040	...	...	4,110	8,050
Bricks	4,780	3,790	980	2,280	...	1,300	990	...
Coal, up	4,86,810	6,61,550	2,49,130	2,99,740	1,74,740	50,610	...	...
" down	14,62,630	16,94,550	2,02,630	2,32,790	2,31,920	30,760	...	...
Copper and copperware	12,900	8,070	21,280	11,230	...	...	4,830	10,050
Cotton	4,02,650	3,84,610	5,22,000	4,04,920	...	...	18,040	1,17,080
" twist	11,060	10,480	16,360	14,470	...	...	580	1,890
Dye-wood	8,280	6,730	6,490	5,760	...	...	1,550	730
Empty coops, &c.	8,280	7,910	5,800	6,190	...	390	320	...
Firewood	29,560	25,070	2,030	1,850	...	780	4,490	180
Fruits	26,590	38,510	23,850	36,150	11,920	12,300	...	...
Glass and glassware	7,660	8,880	8,740	9,520	1,220	...	...	...
Ghee and oil	36,920	47,420	48,970	57,970	10,500	9,000	...	...
G. B. T. packages	3,160	2,840	7,060	5,490	...	...	320	1,570
Government Commissariat stores	90,320	25,060	19,010	35,930	7,730	16,920	...	...
" Ordnance stores	9,550	9,410	8,220	23,890	...	15,670	140	...
" Barley	33,190	20,890	9,670	6,420	...	...	12,300	2,650
" Onits	2,450	2,910	990	1,170	460	180	...	...
GRAINS EDIBLE & PULSES.	6,64,910	7,05,850	1,76,110	1,87,590	40,940	11,480	...	...
" Rice	6,98,240	11,19,690	2,70,780	4,88,010	4,21,490	2,17,230	...	...
" Wheat	5,19,490	4,70,740	1,35,010	1,29,760	...	...	48,790	5,250
" Other grains	1,65,900	2,40,290	51,710	76,210	74,390	24,500	...	...
" Pulses of all kinds	75,360	92,780	41,790	52,510	17,420	10,720	...	...
Gunny	80,880	79,500	63,550	61,100	...	...	1,330	2,450
Hides and horns	77,650	89,910	95,010	1,17,880	12,260	22,870	11,810	24,010
Indigo	1,00,670	97,860	1,11,890	87,880	...	...	...	...
Iron	2,38,820	3,08,630	88,180	1,17,120	60,810	28,940	...	...
Jaggree	54,990	55,750	24,790	27,800	790	3,070	...	...
Lac	54,990	73,530	10,570	14,360	18,540	3,790	...	...
Minerals	29,880	25,090	6,010	4,340	...	...	4,790	1,860
Mowah flower	14,170	13,470	2,570	2,340	...	...	700	230
Oil-cake	74,840	81,620	75,620	71,960	6,780	...	...	6,060
Opium	8,910	6,360	11,030	10,020	...	...	1,850	1,610
Paper	1,81,500	1,57,190	2,44,290	1,78,480	...	...	24,310	64,810
Piece-goods	29,700	27,650	5,180	3,790	...	610	2,050	...
Railway materials, Construction Account	65,780	91,270	71,990	59,420	25,490	...	...	12,576
" Foreign	44,850	43,370	25,090	20,540	...	...	1,400	2,550
Roots	5,17,930	5,89,610	1,40,600	1,69,210	72,580	28,610	...	...
Salt	74,510	69,410	36,420	34,380	...	...	5,100	2,040
Saltpetre	7,66,630	6,54,220	2,95,830	2,28,650	...	...	1,12,410	65,180
Seeds	1,780	2,010	2,200	2,280	230	80	...	...
Silk	10,570	7,900	17,180	10,420	...	...	2,670	6,760
Spelter	12,630	13,360	11,970	12,510	750	340	...	...
Spices	44,960	54,090	8,420	8,960	9,100	...	...	360
Stones	80,270	1,45,770	32,270	62,610	65,500	30,340	...	...
Sugar	5,260	4,970	7,800	7,270	...	...	290	530
Tea	30,470	33,220	13,780	9,710	2,750	...	...	4,070
Timber	24,460	25,560	13,040	10,300	...	...	900	2,740
Tobacco	7,130	6,690	3,140	2,550	...	...	440	590
Turmeric	5,840	4,640	9,690	6,980	...	...	1,200	2,710
Wines	1,85,440	1,78,940	1,95,570	1,64,920	...	...	6,590	35,650
Miscellaneous	...	...	...	...	...	...	...	...
Total	75,83,460	85,87,760	33,10,300	36,51,620	12,79,460	5,25,700	2,75,160	3,84,380

N. ST. L. CARTER, Traffic Manager.

Calcutta and South-Eastern State Railway.

Statement showing Increases and Decreases in maundage of Staples carried over the line during the month of January 1882 as compared with the corresponding period of January 1881.

STAPLES.	1881.		1882.		1881.	1882.	Increase.	Decrease.
	Up.	Down.	Up.	Down.	Total.	Total.		
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Building materials ... ..	.....	.....	.....	1,967	.....	1,967	1,967	.....
Railway materials ... ..	.....	.....	.....	21,321	.....	21,321	21,321	.....
Coal ... ..	.....	4,313	.....	7,128	4,313	7,128	2,815	.....
Revenue stores ... ..	.....	.....	.....	953	.....	953	953	.....
Firewood	49,119	.....	43,931	.....	49,119	43,931	.....	5,188
Hay	9,689	.....	4,720	.....	9,689	4,720	.....	4,969
Straw	2,080	.....	4,085	.....	2,080	4,085	2,005	.....
Woolloo	1,900	.....	2,200	.....	1,900	2,200	300	.....
Rice	1,848	.....	21,236	.....	1,848	21,236	19,388	.....
Paddy	6,431	.....	3,292	.....	6,431	3,292	.....	.....
Sundries	75	1,579	.....	1,795	1,654	1,795	141	3,139
Total	71,133	5,892	70,464	33,164	77,025	1,12,628	48,890	13,287

INCREASE.

Mds.

Building materials	1,967
This increase is due to the materials carried for the Sonapur-Mugra Extension.	.....
Railway materials	21,321
This increase is due to the railway materials carried for the Sonapur-Mugra Extension	.....
Coal	2,815
This increase is due to the coal being required partly for Rice-mills, and partly for Mugra Extension.	.....
Revenue stores	953
This increase is due to the same not being charged last year.	.....
Straw	2,005
This increase is due to the greater demand at the selling stations.	.....
Woolloo	300
This increase is due to the greater demand at the selling stations.	.....
Rice	19,388
This increase is due to the working of Rice-mill in extensive scale early this year.	.....

DECREASE.

Firewood	5,188
This decrease is due to the reduction in the number of wood wagons and they being used in carrying materials for extension.	.....
Hay	4,960
This decrease is due to covered wagons being employed in carrying increased rice traffic.	.....
Paddy	3,199
This decrease is due to above cause.	.....

Calcutta, the 20th February 1882.

R. G. MOOKERJEE, Manager.

Nalhati State Railway.

Statement showing Increases and Decreases in maundage of Staples carried over the line during the month of January 1882 as compared with the corresponding period of January 1881.

STAPLES.	1881.		1882.		1881.	1882.	Increase.	Decrease.
	Up.	Down.	Up.	Down.	Total.	Total.		
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Brass and bell-metal ware	384	.....	371	112	334	483	99	.....
Coal	6,091	.....	10,245	.....	6,091	10,245	4,154	.....
Cotton	554	.....	966	.....	554	966	412	.....
Edible grain	855	11,728	279	12,293	12,583	12,572	.....	11
Piece-goods	2,037	.....	1,165	.....	2,037	1,165	.....	872
Sugar and jagree	795	.....	1,219	.....	795	1,219	424	.....
Silk and silk-clothes ... ..	.....	946	.....	699	946	699	.....	247
Salt	162	.....	3,121	.....	162	3,121	2,959	.....
Sundries	3,284	842	6,636	1,313	4,126	7,949	3,823	.....
Revenue stores ... ..	.....	.....	95	.....	.....	95	95	.....
Seeds of all sorts	3,946	.....	4,205	500	3,946	4,705	1,659	.....
Total	17,208	13,516	28,302	14,917	30,724	43,219	13,625	1,130

INCREASE.

Mds.

Coal	4,154
A large quantity of coal has been brought in for brick-burning.	.....
Cotton	412
For want of sufficient water in the River Bhagiruttee this year cotton is coming by rail.	.....
Sugar and Jagree	424
The increase is due to the above cause.	.....
Salt	2,959
The increase is due to the above cause.	.....
Sundries	3,823
The increase is due to the above cause.	.....

DECREASE.

Piece-goods	872
The piece-goods imported have not yet been sold, and hence no fresh supply brought in.	.....

Calcutta, the 20th February 1882.

R. G. MOOKERJEE, Manager.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 11th February 1882, on 1,504½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	172,659	Rs. A. P. 3,00,431 14 0	Mds. s. 24,16,313 0	Rs. A. P. 7,87,647 5 9	Rs. A. P. 19,445 6 0	Rs. A. P. 11,07,524 9 9	56,643½	126,613½	183,256½
Or per mile of railway	.....	199 11 7	.....	523 9 10	12 14 10	736 4 3	.....	.....	.....
For previous 5 weeks of half-year	1,310,766	28,25,136 11 0	1,09,14,879 20	35,28,522 6 6	82,034 14 0	59,35,693 15 6	279,783½	630,108½	909,891½
Total for 6 weeks	1,483,425	29,25,568 9 0	1,33,51,097 20	43,16,169 12 3	1,01,480 4 0	70,43,218 9 3	336,426½	756,722	1,093,148½
COMPARISON									
Total for corresponding week of previous year	168,353	2,51,747 4 3	20,67,681 0	6,78,961 1 3	15,552 2 0	9,46,260 7 6	48,658	110,494	159,152
Per mile of railway corresponding week of previous year	.....	167 5 9	.....	451 5 9	10 5 5	629 0 11	.....	.....	.....
Total to corresponding date of previous year	981,438	15,60,441 15 7	1,23,65,463 10	42,51,593 1 7	1,21,232 3 1	59,33,266 4 3	306,437	723,814	1,030,251

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 11th February 1882, on 171½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	45,484	Rs. A. P. 35,809 0 0	Mds. s. 2,54,314 0	Rs. A. P. 47,482 0 0*	Rs. A. P. 205 0 0	Rs. A. P. 83,495 0 0	6,098½	7,345½	13,444½
Or per mile of railway	265	208 7 11	1,480 29	276 7 4	1 3 1	486 2 4	.....	.....	.....
For previous 5 weeks of half-year	233,308	1,55,163 0 0	12,60,866 0	2,32,335 0 0	777 0 0	3,88,275 0 0	29,637½	38,469½	68,127
Total for 6 weeks	278,792	1,90,972 0 0	15,21,189 0	2,79,817 0 0	982 0 0	4,71,771 0 0	35,756	45,815½	81,571½
COMPARISON.									
Total for corresponding week of previous year	45,825	39,077 0 0	2,31,505 0	42,428 0 0	111 0 0	81,616 0 0	5,733½	7,013½	12,749½
Per mile of railway corresponding week of previous year	262	223 9 11	1,324 31	242 12 8	0 10 2	467 0 9	.....	.....	.....
Total to corresponding date of previous year	270,071½	1,93,291 0 0	13,46,247 0	2,62,980 0 0	955 0 0	4,57,235 0 0	35,527	43,058½	78,585½

* Rs. 202 included on account carriage of Revenue stores.

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts.

No. 51.

Latest return received.	Name of Railway.	Length open.	RECEIPTS FOR		TOTAL RECEIPTS FROM 1ST JANUARY		Total increase in 1881.	Total decrease in 1881.	Percentage of increase or decrease.
			Last 6 days of December 1880.	Week ending 31st December 1881.	To 31st December 1880.	To 31st December 1881.			
31st Dec. 1881	Northern Bengal	Miles. 239	Rs. A. P. 47,442 0 0	Rs. A. P. 67,596 0 0	Rs. A. P. 16,01,207 0 0	Rs. A. P. 18,42,000 0 0	Rs. A. P. 2,37,793 0 0	.....	+14
7th Jan. 1882	Tirhoot	82	14,512 0 0	14,263 0 0	5,43,593 0 0	5,75,384 0 0	31,791 0 0	.....	+ 5
14th ditto	Patna-Gya	67	11,201 0 0	9,128 0 0	4,79,923 0 0	5,07,095 0 0	27,172 0 0	.....	+ 5
31st ditto	Calcutta and South-Eastern	28	4,188 0 0	4,426 0 0	1,41,439 0 0	1,52,427 0 0	10,988 0 0	.....	+ 7
14th ditto	Naihati	27½	970 0 0	1,421 0 0	69,281 0 0	67,227 0 0	.....	2,054	- 2
	Total	424½	78,313 0 0	96,834 0 0	28,38,533 0 0	31,44,133 0 0	3,05,600 0 0	.....	+10



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MARCH 1, 1882.

OFFICIAL PAPERS.

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EXTENSION OF LOCAL SELF-GOVERNMENT.

FINANCIAL DEPARTMENT—FINANCE.

Calcutta, the 20th February 1882.

RESOLUTION.

IN the Circular to all Commissioners of Divisions, dated 4th November last, the Lieutenant-Governor asked for the opinion of the local officers of Government, and such non-official gentlemen as could be consulted, on the question of the form and scope of the best measures to be adopted for the extension of local self-government. The replies of Commissioners have now been received, and the Lieutenant-Governor has also been favoured with an expression of opinion from many influential public bodies. The final decision of a question of such magnitude as the constitution and powers of the general Boards for district government to be hereafter appointed, must be approached with care and deliberation. It will be necessary to lay the scheme, when it is matured, before the Supreme Government for consideration, and legislation of an extensive and complicated character will be needed to sanction the exercise of the powers to be conceded to the District Boards in the different departments, and to provide for such powers of control and inspection as it may be considered desirable to reserve to the State.

2. The elaboration and execution of the general scheme for the extension of district self-government will therefore necessarily involve considerable delay.

In the meantime, the Lieutenant-Governor has increased the grant for Primary Education in the ensuing year by one lakh of rupees, thus making a permanent increase of two lakhs per annum in two years, and he will, as heretofore, be ready to make liberal grants in aid of the funds of District Road Committees for the execution of well-considered projects. Further than this he is unable to go, until the law constituting the District Boards is formally promulgated. There is, however, another branch of the subject which can be provisionally disposed of without immediate resort to legislation. It was stated in the circular above quoted that it was the intention of the Lieutenant-Governor to relieve municipalities entirely of charges for Police under a guarantee that the income now devoted to that object would be expended on Education, Sanitation and other works of improvement, the charges falling on Government being reduced. It was added that an important question for consideration would also be whether the District Boards should or should not have any control over the administration of municipalities, and if not, what adjustment should be made in regard to maintaining schools and other institutions of general public interest situated within municipal limits. The second question must remain for decision in connection with the larger scheme and the ultimate form to be taken by the amendment of the General Municipal Act. Meanwhile, however, the available balance left to the Local Government by His Excellency the Governor-General in Council in the revision of the quinquennial Provincial contract is sufficient to enable the Lieutenant-Governor to give immediate effect to the policy enunciated above, and the existing law contains provisions under which this can be done.

3. The following statement shows the income and expenditure of the different municipalities, unions, and stations in Bengal (exclusive of Calcutta, the Suburbs, and Howrah) in 1880-81.

	INCOME.	EXPENDITURE.									
		Conservancy.	Police.	Lighting.	Roads.	Drainage and water-supply.	Buildings and other public works.	Sanitary and charitable establishments.	Education, science, and art.	Miscellaneous, including establishments.	Total expenditure.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
First-class municipalities	7,29,349	1,46,371	1,77,750	17,603	1,64,546	38,809	17,477	31,938	7,093	93,534	6,95,001
Second-class ditto	6,22,021	76,811	1,97,508	2,892	1,09,245	24,875	15,670	33,016	13,054	81,377	5,54,348
Unions	1,33,463	10,504	65,920	12	15,535	2,148	8,320	1,114	715	21,860	1,27,128
Stations	20,648	6,336	2,741	19	5,171	502	1,269	151	781	4,346	21,316
Total	15,05,481	2,46,022	4,43,919	20,526	2,94,497	66,334	37,736	66,219	21,583	2,01,117	13,97,953

In his Resolution of 29th April 1881, the Lieutenant-Governor directed the transfer of all receipts from pounds to the municipalities within which they are situated, with effect from the commencement of the current financial year. He now directs that the whole of the expense of maintaining police in all municipalities, unions, and stations in Bengal, with the exception of Calcutta, the Suburbs, and Howrah, shall be borne by Government with effect from 1st April next. It is to be understood, however, that the municipal funds thus set free shall still be levied for expenditure on works of general municipal utility, and that these increased resources shall not be devoted to the reduction of existing taxation. The charges now borne by Government in municipalities on account of dispensaries and hospitals, amounting to something less than a lakh of rupees, will be transferred to those bodies. The effect of the present orders will therefore be to give them a grant of $3\frac{1}{2}$ lakhs per annum for expenditure on other objects. The above statement shows how urgent is the need for further expenditure on conservancy, lighting, drainage, water-supply, and similar public wants. No attempt will be made at present to define the amount to be contributed by municipalities to schools situated within their limits. The large question of the administration of district education must be considered as a whole in connection with the general scheme for the extension of local self-government. Meanwhile, all municipalities are invited to proceed without loss of time to prepare, under section 68 of Act V of 1876, revised estimates of expenditure during the current year, with reference to the increased resources now placed at their disposal.

The Lieutenant-Governor regrets that, owing to the limited amount of funds at his disposal, he is unable to extend this measure to the Suburban and Howrah Municipalities. Their condition, as the seats of rapidly rising industries, is different from that of municipalities in the interior; their needs are less pressing, and their resources are larger and give promise of early expansion. Proposals will, however, be considered for the transfer to these municipalities of medical, educational, and other charges now borne by Government, a corresponding reduction being made under section 171 of the Act in the share of the expense of the police to be defrayed from municipal funds. Hereafter, if the state of the Provincial Finances permit, the Lieutenant-Governor will gladly relieve these municipalities and Calcutta of all charges for police.

4. Sir Ashley Eden trusts that the relief now granted to municipalities will enable them to effect many sanitary and other improvements which are urgently required. He has already made special grants in aid of works of drainage and water-supply in several municipalities, and he will always be prepared to supplement local funds by a grant from Government for such enterprises, when he is satisfied that the projects have been duly considered, and that local resources have been made available to the utmost. In the hope that the measure now announced will, by increasing the resources under the control of municipal bodies, promote a general interest among the rate-payers in the application of local funds, the Lieutenant-Governor will be prepared to consider a further experimental extension of the elective system to first class municipalities, in cases where the local officers are satisfied that a practical scheme for the exercise of the franchise can be devised, and that this measure can be adopted with safety and advantage to the public interests.

ORDER.—Ordered that a copy of the above Resolution be forwarded to the Surgeon-General, to the Director of Public Instruction, to the Inspector-General of Police, to the Accountant-General, and to the General, Judicial (Police), Medical and Municipal, and Public Works Departments of this Government for information and guidance.

By order of the Lieutenant-Governor of Bengal,

COLMAN MACAULAY,

Offg. Secretary to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 25th February 1882.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
Western Districts.			
BURDWAN DIVN.	1 Burdwan, Feb. 25 '82	0.37	Weather—seasonable. with slight north-westerns. <i>Rubbee</i> being harvested. Cholera still reported.
	2 Bankoora, „ 25 „	0.47	The rain during the end of the week has comparatively cooled down the atmosphere. Pressing of sugarcane going on all over the district. The rain has improved the prospects of other winter crops. Fever and cholera abating.
	Maliara „ „	0.22	
	Khatra „ „	0.33	
	3 Beerbhoom, „ 25 „	0.47	Weather—cool, cloudy and windy. Winter crops promise fairly. Public health fair, though there is cholera in some places.
	4 Midnapore, „ 25 „	1.47	Weather—seasonable. State and prospects of crops generally favourable. Prices low. Deaths from malarious fever reported from the Ghattal sub-division. A few cases of cholera in Contai sub-division.
PRESIDENCY DIVN.	5 Hooghly, „ 25 „	0.5	Weather—stormy. Prospects of such crops as there are on the ground are good. Land is being ploughed for rice cultivation. A few cases of cholera still occur.
	Howrah, „ 27 „	0.11	Weather—still cool and pleasant. <i>Khesari</i> outturn below the average. Tobacco doing well. Public health good.
	Moheshrekha „ „	0.15	
	Central Districts.		
	6 24-Pergunnahs, Feb. 27 '82	0.26	Weather—seasonable. Winter crops are being gathered. Prospects are fair. Public health generally good. Cholera of a sporadic nature is reported from Barrackpore.
	7 Nuddea, „ 25 „	0.78	Weather—cool and at times cloudy. <i>Rubbee</i> crops are being harvested. More rain is wanted. Fever abating and also cholera in Meherpore sub-division, but the latter is said to be spreading in Chooadanga sub-division.
	Bongong „ „	1.0	
	8 Jessore, „ 25 „	0.78	Weather—cloudy and cool, with occasional storms. Cultivation for spring sowings actively progresses under the influence of favourable weather. Public health continues to improve.
	Jhenida „ „	0.6	
	Narail „ „	0.04	Weather—cloudy and rainy. There was a heavy rainfall attended with enormous hailstones yesterday (24th). Prospects of crops on the whole continue to be good. The hailstorm of yesterday (24th) will no doubt do some mischief to standing winter crops and mango blossoms. Sporadic cases of cholera still exist.
	9 Moorshedabad „ 25 „	0.98	
RAJSHAHYE AND COOCH BEHAR DIVN.	10 Dinagepore, Feb. 24 '82	Nil	Weather—seasonable. State and prospects of crops good. Rice selling at from 23 to 40 seers per rupee
	11 Rajshahye, „ 25 „	0.02	Weather—cloudy during latter part of week. A storm of rain and wind on Friday evening (24th). Prospects of crops generally favourable. Rain would improve prospects of those crops which are not yet ripe. <i>Kalai</i> being reaped. Fever reported from all parts of district. Four cases of cholera at Charghat and three at Manda reported.
	12 Rungpore, „ 24 „	Nil	Weather—warmer; somewhat cloudy. State and prospects of standing crops good.
	13 Bogra, „ 25 „	0.02	Weather—getting warm at midday. Cloudy by day with distant lightning on Thursday night (23rd) and slight rain on the morning of 25th. Rain wanted for ploughing, which has commenced. Sugarcane being reaped. Public health fair.
	14 Pubna, „ 25 „	1.05	Weather—cloudy at times. Severe hailstorm on 24th, which stripped half the leaves off the trees in Sudder station, and destroyed what slight prospect of mangoes there was. Outturn of winter crops not satisfactory. Ploughing now going on for <i>dhan</i> sowing. Public health good.
	15 Darjeeling „ 25 „	0.25	Weather—seasonable till 25th, when snow fell about Darjeeling. Harvest in the Terai complete, with average outturn. Lands being prepared in the Hills. Crops on the ground doing well.
	16 Julpigoree, „ 25 „	Nil	Weather—showery and very cold to-day (25th); otherwise fine during the week. Winter crops all round reported good. Health very good.
	Cooch Behar, „ 24 „	Nil	Weather—cold and pleasant. Prospects of tobacco and other standing cold-weather crops good. Fields being prepared for early rice. Public health good. Rice selling at Rs. 2 per maund.
	Mathabhanga „ „	0.75	
	Mekligunge „ „	0.52	
Eastern Districts			
DACCA DIVN.	17 Dacca, Feb. 25 '82	Nil*	Weather—seasonable. Prospects of winter crops progressing favourably. The late rain has been beneficial to them. Cutting of sugarcane nearly completed; yield average. Lands being prepared for <i>til</i> , <i>jeena</i> , and <i>kaon</i> . There was heavy rain with hail at night yesterday (24th). Public health generally good.
	Manickgunge (for week ending 22nd Feb.)	0.06	
	Moonsigunge (for week ending 22nd Feb.)	0.59	Weather—for the most part cool and dry; wet latterly, with prospect of north-westerns. State and prospects of crops favourable, especially after the late rain.
	18 Furreedpore, „ 25 „	1.38	
DACCA DIVN.	19 Backergunge, „ 23 „	0.06	Weather—fine, with north wind. Sifts and prospects of crops fair. The late rain has done much good.
	20 Mymensingh, „ 24 „	Nil	Weather—fine and cool for the time of year. State and prospects of crops good.

* During week ending evening of 24th.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(concluded.)			
Eastern Districts.—(concluded.)			
CHITTAGONG DIVN.	21 Chittagong Feb. 28 '82	Nil	Weather—seasonable. No rain at town; a few showers in other parts of the district. Prospects and yield of crops fair. Prices stationary. Small-pox and cholera still continue. General health good.
	22 Noakholly, „ 23 „	Nil	Weather—clear and cool. <i>Khesari</i> pulse is being gathered. Prospects of winter crops fair. Small-pox has appeared in the town.
	23 Tipperah, „ 24 „	0.14	Weather—seasonable. State and prospects of crops good. Sporadic cases of cholera still crop up in the district.
	Chandpore „ „	0.35	
	24 Chittagong Hill Tracts, „ 21 „	1.48	Weather—seasonable. Very cold at night since 17th. <i>Jum</i> cutting still continues. Tobacco, chilli, and other cold-weather crops doing well.
	Hill Tipperah, „ 22 „	Nil	Weather—getting warm. Prospects of crops continue favourable. Public health good.
BEHAR.			
PATNA DIVN.	25 Patna Feb. 25 '82	Nil	Weather—seasonable. Prospects of crops continue good. Public health good.
	Behar „ „	0.17	
	26 Gya, „ 25 „	Nil	Weather—seasonable. Paddy is still being threshed. <i>Rubbee</i> nearly ready to be reaped in some places. Fever abating.
	27 Aurangabad, „ 25 „	0.18	Weather—occasionally cloudy. Prospects of <i>rubbee</i> not very good. Peas and <i>mussoor</i> are being harvested.
	Bhabuah „ „	0.1	
	28 Darbhanga, „ 25 „	Nil	Weather—cool and occasionally cloudy. Harvest of tobacco in progress. <i>Rubbee</i> crops continue to be generally promising. Prices of food-grains falling slightly. Small-pox reported in Modhobani sub-division. Health of headquarters good.
	29 Mozufferpore, „ 25 „	Nil	Weather—fair, but cloudy towards the close of week. Prospects of <i>rubbee</i> crops favourable. Mustard being gathered, and reaping of some forward <i>rubbee</i> crops commenced. Fever still prevails in Seetamarhee sub-division.
BHAGULPORE DIVN.	30 Saun, „ 25 „	Nil	Weather—cool. Prospects of crops favourable. Pressing of sugarcane still continues. General health much improved.
	31 Chumparan, „ 25 „	Nil	Weather—seasonable. Strong west winds. Prospects of crops good; but the late rain accompanied by hail has done some mischief to the poppy and <i>rubbee</i> crops in the eastern parts of the district. The rain has been beneficial to the indigo and <i>rubbee</i> where it was not accompanied by hail. Public health good.
	32 Monghyr, Feb. 25 '82	Nil	Weather—seasonable; occasionally cloudy. Prospects of <i>rubbee</i> crops still good. Indigo sowing commenced.
	33 Bhagulpore, „ 25 „	Nil	Weather—fine, with strong west winds; cloudy at times. Nights cold. Crops in north of district benefited by rain of last week and doing well everywhere. Small-pox cases still reported, and also sporadic cases of cholera.
	34 Purneah, „ 25 „	Nil	Weather—unusually cold. Strong westerly winds prevailed. <i>Rubbee</i> prospects fair. Tobacco crop less than average, owing to rain not falling till too late to be of much benefit.
	35 Maldah, „ 25 „	0.83	A few slight showers during the week. Weather has become cold again. Prospects of crops fair. Prices of food-grains stationary. General health good.
	36 South Pargahs, „ 25 „	0.58	Weather—cool and clear. Rain and hail on 24th instant. All crops doing well. Fruit blossoms somewhat injured by hail. Cholera in several places.
	Deoghur „ „	0.07	
	Godda „ „	A few drops.	
ORISSA.			
ORISSA DIVN.	37 Cuttack, Feb. 24 '82	Nil	Weather—hot, but nights cool. <i>Dalua</i> rice is doing well, especially in irrigated lands. Rain wanted for cultivation. Common rice sells at 32 seers per rupee. Public health good.
	38 Pooree, „ 23 „	Nil	Weather—seasonable. In some places land is being ploughed for the ensuing <i>sarad</i> crop. <i>Dalua</i> rice is in germ. <i>Moong</i> is thriving. Miscellaneous crops are promising. Common rice sells at from 27 to 40 Calcutta seers per rupee. Cholera has made its appearance in the interior. Cattle-disease still reported.
	39 Balasore, „ 24 „	0.22	Weather—slight storms in northern part of the district. Late <i>rubbee</i> crops being gathered and stored. <i>Dalua</i> rice in flower in the south, and being transplanted in the north. Health fairly good. Cattle-disease reported from different parts of district.
CHOTA NAGPORE.			
South-West Frontier Agency.			
	40 Hazaribagh, Feb. 24 '82	0.08	Weather—cloudy for the last three days with slight showers of rain. <i>Rubbee</i> crops promise well, but mango and <i>mohua</i> are much damaged by the rain and cloudy weather. Prices stationary. Health generally good.
	41 Lohardugga, „ 25 „	1.60	Weather—stormy. Heavy showers at head-quarters on 23rd and 24th. Ploughing has been started vigorously. Some <i>rubbee</i> is being harvested at Palamow; it is expected that the outturn will be from an 8 to a 10-anna one. Prices steady. Cattle-disease on a small scale prevalent in Palamow.
	42 Singbhoom, „ 24 „	Nil	Weather—cloudy the last two days, with slight rain last night. Cold-weather crops still on the ground are doing well. Three fresh cases of cholera occurred in Chyebassa town during the week, but no deaths from it. Cattle-disease in Kalkapore thana is disappearing.
	43 Manbhoom, „ 25 „	0.50	Weather—cool and pleasant at Purulia. Getting hot at Govindpore. <i>Rubbee</i> crops promise well. Small-pox and cattle-disease reported from one or two stations; also cholera from Burrabhoom and Govindpore (Grand Trunk Road).

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 28th February 1882.COLMAN MACAULAY,
Offg. Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from
19th to 25th February 1882.

Month.	Date.	Maximum in sun.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.	
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.			
1882.		☉	Inches.	☉	☉	☉	☉	☉	Inches	☉	%			Inches.		
Feb.	19th	139.3	29.948	67.1	77.6	10.3	58.3	57.9	0.359	49.8	57	Calm, W and variable	...	63	Nil	Clear, <i>p.</i>
"	20th	138.7	.958	68.2	81.1	23.0	57.2	59.7	.403	53.0	61	WSW, NNW and W	...	54	"	Clear, <i>p.</i>
"	21st	138.4	.969	70.4	82.1	24.8	57.3	64.1	.517	59.9	72	Calm and NW by W	...	44	"	Clear. <i>p.</i>
"	22nd	138.2	.971	70.2	82.0	22.3	59.7	61.0	.418	54.0	59	Variable and S	...	52	"	Clear, <i>p.</i>
"	23rd	142.0	.977	70.2	81.7	21.7	60.0	63.6	.507	59.3	70	S and variable	...	55	"	Chiefly clear, <i>p.</i>
"	24th	139.2	.981	72.1	84.6	21.4	63.2	65.1	.538	61.0	70	NNE and variable	..	104	0.22	Chiefly cloudy, o, s, <i>K</i> <i>J</i> <i><</i> <i>t, p.</i>
"	25th	139.2	.979	69.7	84.8	23.4	61.4	64.4	.532	60.7	75	Variable	...	94	Nil	Partially cloudy, <i>p.</i>

The mean pressure of the seven days	...	...	...	29.969
The average pressure of the corresponding period for 24 years, S. G. Office	...	...	...	29.931

The mean temperature of the seven days	...	...	69.7
The average temperature of the corresponding period for 24 years, S. G. Office	...	...	75.2
The extreme variation of temperature during the seven days	...	...	27.6
The maximum temperature during the seven days	...	...	84.8

The highest velocity of the wind in one hour during the seven days	19
--	-----	-----	----

The highest pressure of the wind on one square foot during the seven days	...	7·8
---	-----	-----

The mean relative humidity during the seven days	...	...	...	66
The average relative humidity of the corresponding period for 24 years, S. G. Office	...	...	...	66

				Inches.
The total fall of rain from 19th to 25th February 1882	...	...	...	0.22
The average fall of the corresponding period for 24 years, S. G. Office	...	...	...	0.21
The total fall from 1st January to 25th February 1882	...	...	...	3.55
The average fall of the corresponding period for 24 years, S. G. Office	...	...	...	1.36

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

Δ dew, o overcast, g gloomy, K thunder-storm, / strong wind, < lightning, t thunder, p passing temporary showers.

METEOROLOGICAL OFFICE, INDIA,
The 27th February 1882.

JOHN ELIOT,
Offg. Meteorological Reporter to the Government of India.

Table of Rainfall recorded at Stations in Bengal in January 1882—continued.

Stations.	First week.							Total rainfall of the week.	Second week.							Total rainfall of the week.	Third week.							Total rainfall of the week.	Fourth week.							Total rainfall of the last three days.	Total rainfall for the month.	Average rainfall for the month.	Highest rainfall during the month.	Total rainfall from 1st to 31st January 1883.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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COCHIN BEAR.		Dacca.		CHITTAGONG.	
<i>Chittagong District.</i>		<i>Chittagong District.</i>		<i>Chittagong District.</i>	
Chittagong ...	0.18	Chittagong ...	0.18	Chittagong ...	0.18
Bura ...	0.16	Bura ...	0.16	Bura ...	0.16
<i>Cochin Bear Tracts.</i>		<i>Cochin Bear Tracts.</i>		<i>Cochin Bear Tracts.</i>	
Cochin Bear ...	0.41	Cochin Bear ...	0.41	Cochin Bear ...	0.41
Dagarta ...	0.47	Dagarta ...	0.47	Dagarta ...	0.47
Mathanga ...	0.23	Mathanga ...	0.23	Mathanga ...	0.23
Mickingunge ...	0.05	Mickingunge ...	0.05	Mickingunge ...	0.05
<i>Dacca District.</i>		<i>Dacca District.</i>		<i>Dacca District.</i>	
Dacca ...	0.30	Dacca ...	0.30	Dacca ...	0.30
Moonsheengunge ...	0.12	Moonsheengunge ...	0.12	Moonsheengunge ...	0.12
Manickgunge ...	0.60	Manickgunge ...	0.60	Manickgunge ...	0.60
<i>Farrukpore District.</i>		<i>Farrukpore District.</i>		<i>Farrukpore District.</i>	
Farrukpore ...	0.12	Farrukpore ...	0.12	Farrukpore ...	0.12
Gadunoda ...	0.12	Gadunoda ...	0.12	Gadunoda ...	0.12
Madanipore ...	0.12	Madanipore ...	0.12	Madanipore ...	0.12
<i>Backergunge District.</i>		<i>Backergunge District.</i>		<i>Backergunge District.</i>	
Barisal ...	0.97	Barisal ...	0.97	Barisal ...	0.97
Persepore ...	1.45	Persepore ...	1.45	Persepore ...	1.45
Patuakhali ...	0.85	Patuakhali ...	0.85	Patuakhali ...	0.85
Bhola ...	1.14	Bhola ...	1.14	Bhola ...	1.14
<i>Mymensingh District.</i>		<i>Mymensingh District.</i>		<i>Mymensingh District.</i>	
Mymensingh ...	0.11	Mymensingh ...	0.11	Mymensingh ...	0.11
Jamapore ...	0.11	Jamapore ...	0.11	Jamapore ...	0.11
Atia ...	0.11	Atia ...	0.11	Atia ...	0.11
Khaboregunge ...	0.89	Khaboregunge ...	0.89	Khaboregunge ...	0.89
<i>Chittagong District.</i>		<i>Chittagong District.</i>		<i>Chittagong District.</i>	
Chittagong ...	0.06	Chittagong ...	0.06	Chittagong ...	0.06
Cox's Bazar ...	0.06	Cox's Bazar ...	0.06	Cox's Bazar ...	0.06
<i>Noakhally District.</i>		<i>Noakhally District.</i>		<i>Noakhally District.</i>	
Noakhally ...	0.25	Noakhally ...	0.25	Noakhally ...	0.25
Fesky ...	0.05	Fesky ...	0.05	Fesky ...	0.05
<i>Tippurah District.</i>		<i>Tippurah District.</i>		<i>Tippurah District.</i>	
Commillah ...	0.13	Commillah ...	0.13	Commillah ...	0.13
Chandpore ...	0.85	Chandpore ...	0.85	Chandpore ...	0.85
Brahmunberiah ...	0.25	Brahmunberiah ...	0.25	Brahmunberiah ...	0.25
<i>Chittagong Hill Tracts.</i>		<i>Chittagong Hill Tracts.</i>		<i>Chittagong Hill Tracts.</i>	
Chittagong Hill ...	0.20	Chittagong Hill ...	0.20	Chittagong Hill ...	0.20
Rangamatee Hill ...	0.05	Rangamatee Hill ...	0.05	Rangamatee Hill ...	0.05
Ruma ...	0.05	Ruma ...	0.05	Ruma ...	0.05
<i>Hill Tipperah District.</i>		<i>Hill Tipperah District.</i>		<i>Hill Tipperah District.</i>	
Hill Tipperah ...	1.15	Hill Tipperah ...	1.15	Hill Tipperah ...	1.15
Agartala ...	1.15	Agartala ...	1.15	Agartala ...	1.15

* Recorded from 20th January 1882

Table of Rainfall recorded at Stations in Bengal in January 1882—concluded.

Stations.	First week.							Total rainfall of the week.	Second week.							Total rainfall of the week.	Third week.							Total rainfall of the week.	Fourth week.							Total rainfall of the last three days.	Total rainfall of the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st to 31st January 1882.	Average rainfall from 1st to 31st January 1882.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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[illegible]

Supplement to the Rainfall Table for September 1881.

Districts.	Stations.	First week.										Second week.														Third week.							Fourth week.								Total rainfall of the last two days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest during the month.	Total rainfall from 1st January 1881 to the end of September 1881.	Average rainfall from 1st January 1881 to the 30th September 1881.
		Total rainfall of the week.										Total rainfall of the week.														Total rainfall of the week.							Total rainfall of the week.													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30															
	Durbainga	...	0.30	1.99	...	...	...	...	...	...	...	...	...	...	...	0.35	...	0.55	3.24	...	...	...	...	...	...	...	...	...	...	...	...	0.66	0.93	1.52	8.92	9.21	3.94	37.69	44.14
	Mudhoobunny	...	1.10	3.72	1.07	...	...	...	...	...	...	...	...	...	...	0.37	0.71	0.93	...	...	...	...	...	...	...	...	...	...	...	...	...	0.19	0.09	0.28	12.72	10.45	3.72	49.57	43.74
	Tiptore	...	3.07	0.13	...	...	...	...	...	...	...	...	...	...	...	...	...	3.45	1.12	0.54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9.09	8.21	3.45	40.72	40.88

Supplement to the Rainfall Table for October 1881.

[illegible]

Supplement to the Rainfall Table for November 1881.

[illegible]

Supplement to the Rainfall Table for December 1881.

Districts.	Stations.	First week.							Second week.							Third week.							Fourth week.							Last three days.			Total rainfall of the month.		Total rainfall from 1st January 1881 to 31st December 1881.	
		Total rainfall of the week.							Total rainfall of the week.							Total rainfall of the week.							Total rainfall of the week.							Total rainfall of the last three days.			Average rainfall for the month.		Total rainfall from 1st January 1881 to 31st December 1881.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total rainfall of the month.		Total rainfall from 1st January 1881 to 31st December 1881.	

Errata to the Rainfall Table for December 1881.

Districts.	Stations.	Total rainfall from 1st January 1881 up to 31st December 1881.		Average rainfall from 1st January 1881 up to 31st December 1881.	
		For	Read	For	Read
Bankura	Bishnupore	For 63.24	Read 63.25	For 73.78	Read 73.85
Bankura	Soory	For 53.36	Read 53.36		
24 Pergunnahs	Saugor Island	For 70.21	Read 68.21		
Kuddea	Barraset	For 61.91	Read 61.91		
Jessore	Dum-Dum	For 72.92	Read 72.92		
Moorshedabad	Kooshtea	For 51.58	Read 51.58		
Dinapore	Jessore	For 50.40	Read 50.40		
Maldah	Azingunge	For 133.80	Read 124.80		
Bogra	Rupunge	For 229.38	Read 225.38		
Julpigoree	Maldah	For 70.98	Read 69.98		
Dacca	Darjeeling	For 118.25	Read 118.07		
Mymensingh	Julpigoree	For 50.06	Read 57.06		
Chittagong	Buxa	For 47.17	Read 42.67		
Chittagong Hill Tracts	Dacca	For 62.69	Read 44.95		
Patna	Chittagong	For 61.24	Read 40.33		
Champaran	Ranganati Hill	For 47.98	Read 43.98		
	Dinapore	For 62.04	Read 68.94		
	Mothia	For 69.57	Read 73.98		
	Bettiah	For 59.85	Read 63.87		
	Segowlie	For 82.13	Read 85.35		
	Bhagulpore	For 49.78	Read 51.64		
	Soopole	For 63.82	Read 62.54		
	Muddehpore	For 50.10	Read 62.35		
	Banka	For 59.02	Read 59.48		
	Purneah	For 49.71	Read 49.71		
	Kissengunge	For 67.25	Read 67.25		
	Arra	For 72.88	Read 72.88		
	Nya Dooanka	For 58.75	Read 58.75		
	Rajmehal	For 51.64	Read 51.64		
	Deoghur	For 49.78	Read 49.78		
	Janatara	For 63.82	Read 63.82		
	Pakour	For 50.10	Read 50.10		
	Godda	For 59.02	Read 59.02		
	Jalpoore	For 49.71	Read 49.71		
	Kendrapara	For 59.02	Read 59.02		
	Purnia	For 49.71	Read 49.71		

METEOROLOGICAL OFFICE, BENGAL,
The 23rd February 1882.

ALEXANDER PEDLER,
Offg. Meteorological Reporter to the Govt. of Bengal.

I.—Table showing the Monthly and Annual Rainfall at Stations in Bengal.

DISTRICTS.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
BENGAL.														
BURDWAN	Burdwan ...	—	0'01	2'15	2'05	7'91	9'05	12'50	21'16	10'69	3'61	—	—	69'13
	Cutwa ...	—	—	2'50	0'41	7'94	5'44	8'02	13'23	7'15	5'99	—	—	50'68
	Culina ...	—	—	4'35	1'70	5'85	7'79	12'22	9'16	7'16	2'51	—	—	48'74
	Raneegunge ...	—	—	1'42	0'37	2'71	9'92	18'23	13'52	4'56	1'87	—	—	53'00
BANKPOORA	Bankoora ...	—	0'27	1'59	0'77	1'31	18'03	23'07	17'88	8'07	2'28	—	—	73'37
	Bishenpore ...	—	—	3'06	0'37	6'79	13'95	17'15	14'55	5'81	1'67	—	—	63'35
	Maliara ...	—	—	2'35	0'60	2'65	11'02	21'58	17'34	5'50	2'49	—	—	63'33
	Khatra ...	—	—	2'20	0'54	3'15	13'77	21'95	15'29	6'86	3'36	—	—	67'12
BEERBHOOM	Soory ...	—	—	0'78	0'88	3'44	8'44	16'01	15'44	5'36	5'11	—	—	56'36
	Hitampore ...	—	—	0'80	0'77	2'55	9'31	24'33	8'22	6'12	4'12	—	—	56'22
	Raynore ...	—	—	0'95	0'22	2'15	6'60	—	—	—	—	—	—	—
	Rampore Haut ...	—	—	1'64	—	6'31	9'27	7'77	14'02	6'93	3'11	—	—	49'05
MIDNAPORE	Midnapore ...	0'13	—	4'95	0'95	4'77	19'24	20'64	12'18	2'93	4'15	—	0'23	70'17
	Tumlook ...	—	—	5'45	1'25	7'44	14'40	14'25	25'80	9'45	2'70	—	—	80'74
	Ghattal ...	—	—	5'87	1'45	7'58	16'87	14'06	21'08	6'86	3'13	—	0'23	77'13
	Contai ...	—	—	1'21	1'11	9'48	19'34	33'24	19'86	10'48	6'63	—	0'37	100'72
HOOGHLY	Hooghly ...	—	0'04	4'30	1'60	4'67	12'65	15'17	16'67	5'86	3'63	—	0'16	64'75
	Serampore ...	—	—	2'80	0'90	5'21	13'74	16'93	15'05	7'82	3'65	—	0'17	66'27
	Jehanabad ...	—	0'05	2'77	1'14	6'23	17'70	14'26	20'71	9'21	6'90	—	0'06	79'03
HOWRAH	Howrah ...	—	—	3'23	2'07	7'99	15'12	13'39	17'23	5'38	2'44	—	0'35	67'20
	Moheshreka ...	—	—	3'75	1'16	6'48	14'59	14'85	21'36	6'96	2'85	—	0'52	72'82
24-PERGUNNAHS	Saugor Island ...	—	—	1'08	1'98	9'82	10'84	31'76	27'34	4'25	6'67	—	0'35	94'09
	Alipore ...	—	0'10	3'79	1'86	6'88	12'32	12'75	17'46	6'73	1'39	—	0'30	63'49
	Busseerhat ...	—	—	3'38	1'07	14'84	11'23	11'21	15'15	11'44	3'98	—	0'23	72'53
	Jaraset ...	—	—	2'74	1'68	9'51	15'21	11'80	15'61	9'69	1'50	—	0'26	68'21
	Diamond Harbour ...	—	—	3'59	0'38	8'06	11'91	18'78	20'42	5'56	5'32	—	0'37	74'39
	Barripore ...	—	—	2'75	1'80	6'43	18'06	14'63	20'80	9'16	5'99	—	0'10	79'62
	Satkhira ...	—	—	1'96	1'07	5'27	14'43	12'42	14'35	8'58	3'63	—	0'18	65'09
	Barrackpore ...	—	—	3'85	1'21	6'25	14'87	18'31	19'73	7'53	4'75	—	0'14	76'64
NUDEA	Dum-Dum ...	—	—	3'80	1'75	8'94	14'50	13'54	15'31	4'45	3'50	—	0'45	65'24
	Kishnaghur ...	—	—	3'62	2'82	8'83	6'26	8'31	20'42	15'63	2'38	—	—	69'17
	Honkong ...	0'06	—	3'70	3'09	15'70	8'71	16'47	15'92	8'19	2'60	—	—	68'44
	Meherpore ...	—	—	3'67	2'39	4'36	8'82	9'05	11'41	6'55	3'43	—	0'50	59'78
	Chooadanga ...	—	—	5'44	2'08	11'26	11'34	7'59	12'77	8'96	2'38	—	—	69'82
	Kooshten ...	—	—	4'37	0'97	14'48	10'59	12'13	12'42	15'86	2'00	—	0'05	72'82
	Ranaghat ...	—	—	3'57	1'21	8'33	11'16	10'93	12'09	4'19	5'67	—	—	57'15
	Jessore ...	0'33	—	6'41	2'46	8'54	12'91	8'96	9'90	10'94	1'68	—	0'19	63'32
JESSORE	Narail ...	0'05	—	4'71	2'43	8'72	9'44	6'37	9'33	16'55	2'96	—	0'02	61'48
	Khoolna ...	—	—	1'82	6'88	10'16	7'62	9'63	16'09	10'96	3'30	—	0'25	66'62
	Jhenidah ...	—	—	2'77	1'69	7'91	13'75	6'05	11'17	8'40	2'11	—	0'05	63'90
	Bagirhat ...	—	—	1'70	6'10	9'55	14'99	18'42	10'72	13'05	3'56	—	0'10	78'19
MOORSHEDABAD	Magora ...	—	—	2'75	6'36	9'12	12'17	8'72	12'73	10'81	3'19	—	0'07	65'92
	Berhampore ...	—	—	2'56	0'57	6'19	3'75	11'82	9'60	5'64	6'33	—	—	46'46
	Lalbagh ...	—	—	3'08	1'10	7'85	6'15	10'68	12'88	6'12	7'19	—	—	55'05
	Jumkypore ...	—	—	1'27	0'30	6'40	8'64	9'23	8'60	8'47	2'44	—	—	55'44
DINAGEPORE	Azimungunge ...	—	—	3'99	1'65	5'19	6'47	6'03	11'61	7'67	9'20	—	—	51'82
	Lalkolla ...	—	—	2'54	0'36	4'11	7'63	9'39	11'07	7'33	7'02	—	—	49'45
	Kandi ...	—	—	2'46	0'19	6'69	7'00	11'17	10'87	7'21	4'17	—	—	49'76
	Dinapore ...	—	—	2'51	0'51	9'23	13'65	6'01	9'29	15'27	3'79	0'06	—	60'32
MALDAH	Raigunge ...	—	—	1'88	0'81	7'23	14'78	7'17	6'52	8'91	3'20	—	—	50'50
	Mohadebpore ...	—	0'05	2'20	4'40	8'86	11'04	6'56	11'87	11'95	2'39	—	—	59'32
	Chooramon ...	—	—	0'98	0'54	4'69	12'05	5'77	11'03	11'35	3'48	—	—	49'29
	Chanchal ...	—	—	3'05	1'16	9'11	12'89	8'33	10'97	10'15	9'64	0'05	—	65'35
RAJSHAHEE	Beauleah ...	—	0'02	2'11	1'06	10'28	7'13	8'89	11'86	10'90	7'28	—	—	59'53
	Natore ...	—	—	2'20	0'25	16'16	5'18	13'79	15'18	15'36	4'16	—	—	72'28
	Rungpore ...	—	0'40	3'46	1'31	7'06	15'78	8'06	7'70	18'43	6'23	0'03	—	68'46
	Bhubanigunge ...	—	0'15	3'33	0'95	14'55	13'37	9'04	15'04	23'80	3'54	—	—	83'77
RUNGPORE	Kurigram ...	—	0'33	3'63	2'95	18'74	17'39	10'66	3'94	18'17	1'72	—	—	77'53
	Bagdogra ...	—	0'16	3'32	1'22	17'31	23'78	8'45	8'46	19'70	6'01	—	—	83'41
BOGRA	Bogra ...	—	—	2'88	1'36	13'50	7'73	6'77	18'39	15'37	4'68	0'06	—	70'74
	Sherepore ...	—	—	1'99	1'23	12'73	8'32	7'40	13'22	14'00	2'80	—	—	62'32
	Nowkhilla ...	—	—	1'64	1'93	12'00	9'26	5'44	9'72	14'52	2'69	—	—	57'20
	Panchabibi ...	—	—	4'01	1'47	13'07	7'83	6'09	10'93	13'81	3'14	0'11	—	61'36
PURNA	Purna ...	—	0'07	4'41	1'20	13'69	7'92	10'53	16'75	11'54	2'29	—	—	68'40
	Serajungunge ...	—	—	2'21	0'80	13'41	11'11	5'14	14'22	14'54	6'70	—	0'30	67'43
DARJEELING	Darjeeling ...	—	0'30	1'65	1'70	9'30	19'15	18'20	25'65	128'40	6'35	—	0'07	110'77
	Julpigoree ...	—	0'01	4'65	1'06	11'17	22'68	13'53	19'92	45'64	4'47	1'35	—	124'28
	Boxa ...	0'16	0'39	3'80	13'82	20'00	47'43	27'89	45'10	60'04	4'09	0'06	—	228'39
	Titalya ...	—	—	—	—	—	—	—	—	—	—	—	—	—
COOCH BEHAR	Guabor ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Danguah Jhar ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bamondangah ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Choolbary ...	—	—	—	—	—	—	—	—	—	—	—	—	—
COOCH BEHAR	Cooch Behar ...	—	0'18	4'71	2'10	18'58	20'55	15'60	15'47	38'79	4'21	—	—	120'29
	Dinbhatta ...	—	0'22	3'02	1'89	20'64	17'27	8'65	11'84	2'48	3'07	—	—	101'08
	Matschanga ...	—	0'04	4'45	3'43	16'09	22'31	12'80	11'89	64'96	3'96	—	—	110'13
	Mickligunge ...	—	0'03	2'19	1'67	16'00	14'91	8'81	9'09	31'35	4'83	—	—	89'48
DACCA	Dacca ...	—	—	4'51	5'40	11'72	17'32	6'42	15'70	15'36	2'76	—	0'07	79'06
	Moonsheegunge ...	—	—	12'27	8'87	14'15	27'20	12'36	22'21	15'20	2'28	—	—	114'62
	Manickgunge ...	—	0'13	3'69	2'87	11'68	13'89	7'52	11'57	10'83	2'58	—	—	64'26
	Furzedpore ...	—	—	4'91	2'67	8'74	17'29	16'61	10'76	8'42	2'87	—	—	66'27
PURSHEDPORE	Goalundo ...	—	—	4'17	4'12	10'55	17'03	7'77	13'42	9'31	4'57	—	—	70'04
	Madaripore ...	—	—	5'22	7'62	8'89	25'55	7'59	8'58	8'04	1'74	—	—	70'94

DISTRICTS.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
BENGAL—concl.														
BACKERGUNGE	Burrisal	0.27	—	6.09	3.70	10.07	34.71	16.16	14.30	13.61	1.75	0.10	0.10	99.26
	Perozepore	—	—	2.00	5.80	7.92	22.02	13.68	17.16	18.43	3.25	—	—	90.26
	Patuakhally	—	—	4.07	3.21	12.88	3.32	13.79	16.38	9.69	4.65	0.03	0.10	100.52
	Bhoia	—	—	3.57	8.80	13.65	37.92	17.56	19.14	10.62	3.93	0.64	—	115.83
MYMENSINGH	Mymensingh	—	0.12	2.60	1.98	19.19	15.84	11.88	13.08	18.63	3.16	0.08	—	86.56
	Jamulpore	—	0.37	2.72	2.76	9.66	12.33	6.04	13.39	16.52	6.19	—	—	69.98
	Atia	—	0.12	1.81	2.49	12.97	8.22	8.05	15.55	11.17	3.45	—	—	63.83
	Kishoregunge	—	—	1.98	2.74	10.71	16.53	11.82	11.92	16.34	3.30	0.65	—	75.99
CHITTAGONG	Chittagong	—	—	1.14	4.53	11.18	25.00	30.95	10.13	9.11	1.55	1.41	0.76	95.76
	Cox's Bazar	—	—	0.38	2.20	12.36	33.15	43.38	27.31	16.74	3.58	0.96	0.45	140.61
NOAKHOLLY	Noakholly	0.20	—	5.54	5.87	11.05	43.47	19.15	29.92	21.05	2.20	0.44	0.11	139.00
	Fenny	0.06	0.86	3.32	4.97	11.51	25.37	18.02	24.10	28.65	5.73	0.27	0.11	122.97
TIPPERAH	Commillah	0.10	—	7.05	8.10	10.24	18.80	19.91	17.47	17.90	1.69	0.18	0.06	101.50
	Chandpore	0.25	0.30	4.25	11.25	12.15	27.55	16.80	23.08	13.13	1.18	0.35	0.05	110.34
	Brahmunberiah	—	—	3.85	3.83	13.75	12.26	7.91	13.64	19.78	3.65	0.27	0.28	79.22
CHITTAGONG HILL TRACTS	Rangamati Hill	—	0.54	7.45	5.64	10.36	18.35	46.89	15.28	10.72	7.08	0.52	0.54	118.07
	Ruma	—	—	0.46	4.33	9.18	23.43	32.19	7.77	9.15	4.42	0.30	0.26	91.49
HILL TIPPERAH	Agartala	—	—	7.13	2.75	8.78	13.48	10.47	13.63	18.68	2.89	0.26	—	78.07
PATNA	Patna	0.08	0.04	2.75	0.97	5.03	11.28	16.28	12.61	9.44	3.52	—	—	61.98
	Behar	0.03	0.17	1.49	0.20	2.00	9.69	11.69	11.44	4.47	5.63	—	—	46.81
	Barh	—	0.06	1.35	0.04	2.92	5.88	10.07	12.56	7.31	5.10	—	—	45.29
	Dinapore	—	—	0.99	0.70	4.87	5.79	11.48	15.05	8.34	4.98	—	—	52.20
GYA	Gya	0.20	0.08	1.62	0.03	1.62	9.77	13.49	14.79	1.74	5.58	—	—	48.92
	Nowadah	—	—	1.51	0.07	1.06	13.20	14.53	13.58	1.51	4.12	—	—	51.58
	Arumabad	0.06	0.52	0.61	—	0.61	7.43	15.68	17.26	5.04	4.85	—	—	53.16
	Jehanabad	0.10	—	1.23	0.33	1.45	8.21	8.48	20.52	1.91	6.19	—	—	48.42
SHAHABAD	Arrah	0.07	0.10	1.10	0.20	2.85	6.10	12.19	16.13	3.62	3.73	—	—	45.49
	Sasseram	0.14	0.58	1.22	0.15	1.73	4.84	13.17	14.28	2.74	4.68	—	—	43.53
	Buxar	0.07	0.03	0.72	—	1.29	5.20	12.93	14.14	2.29	4.24	—	—	40.91
	Bhuboah	—	0.40	1.15	0.03	2.60	5.40	9.16	15.52	0.45	2.12	—	—	36.23
MOZUFFERPORE	Mozufferpore	—	—	1.92	—	3.14	6.67	8.13	10.38	7.71	3.58	—	—	41.53
	Hajeepore	—	—	2.80	0.45	4.19	8.71	11.39	12.78	6.96	4.82	—	—	51.80
	Sectamurhee	—	0.13	2.19	0.43	2.37	9.01	3.78	5.16	13.59	3.15	—	—	39.81
DURBHUNGA	Durbhunga	—	0.19	1.44	0.30	4.27	8.51	3.67	10.39	8.92	4.55	—	—	42.24
	Mudhobunee	—	0.05	1.86	0.32	1.68	14.67	4.80	4.77	12.72	5.55	—	—	40.12
	Tajpore	—	—	0.98	—	1.27	10.21	6.73	12.44	9.09	4.95	—	—	44.40
SARUN	Chupra	—	0.01	0.56	0.20	1.85	4.24	10.77	10.87	4.54	4.74	—	—	37.78
	Sewan	—	—	1.63	—	2.71	8.48	9.86	9.94	5.07	5.35	—	—	43.04
	Gopalgunge	—	—	0.88	—	2.13	10.05	9.07	?	10.57	3.30	—	—	41.70
CHUMPARUN	Motihari	—	0.01	1.11	—	1.85	18.15	3.29	12.18	16.44	4.03	—	—	57.06
	Bettiah	—	—	0.72	0.30	1.45	22.80	5.57	11.02	12.57	2.95	—	—	57.38
	Segowlie	—	—	?	?	?	14.60	4.82	10.01	14.22	4.13	—	—	47.78
MONGHYE	Monghyr	—	0.11	0.88	0.83	1.00	6.67	10.77	12.78	4.97	9.76	—	—	47.77
	Begoeserai	—	—	1.02	0.57	2.07	9.49	9.30	11.96	10.52	6.20	—	—	51.13
	Jamooi	—	—	1.92	0.95	0.98	12.94	12.01	15.16	1.97	3.54	—	—	49.47
BHAGULPORE	Bhagulpore	—	—	1.14	0.40	1.01	6.47	10.90	9.48	6.14	7.13	—	—	42.07
	Soopole	—	0.07	1.75	0.85	3.66	7.46	7.85	6.40	11.36	5.53	—	—	44.95
	Muddepoora	—	—	1.69	0.30	5.69	11.15	8.62	9.10	5.44	8.03	—	—	40.33
	Bauka	—	—	1.39	1.00	0.89	10.00	9.47	12.30	3.45	4.66	—	—	43.06
	Sonbersa	—	—	2.27	—	1.63	8.86	7.53	?	?	?	—	—	?
PURNEAH	Purneah	—	—	1.80	0.36	3.46	22.11	7.05	13.43	11.42	9.31	—	—	68.94
	Kissengunge	—	0.25	2.58	0.28	3.78	20.50	9.10	14.13	21.02	5.31	—	—	76.96
	Arrariah	—	—	2.03	1.00	2.37	20.09	9.19	9.66	10.22	10.22	—	—	73.98
SOUTHAL PER-GUNNAHS	Nya Doomka	—	—	3.03	0.76	5.20	8.51	24.35	9.67	7.88	7.47	—	—	66.87
	Rajmehal	—	—	1.03	2.95	5.14	8.22	10.39	10.01	11.58	9.03	—	—	58.35
	Deochur	—	—	1.87	0.96	3.46	8.08	22.40	7.00	4.34	1.07	—	—	49.78
	Jamtara	—	—	1.69	—	2.33	5.42	10.85	13.46	6.07	2.82	—	—	51.04
	Pakour	—	—	1.58	0.88	6.37	10.38	13.49	9.56	13.30	7.48	—	—	62.54
	Godda	—	—	1.66	0.67	4.77	8.76	12.49	12.49	14.41	7.10	—	—	62.35
CUTTACK	Cuttack	—	—	2.20	0.59	1.23	16.94	14.03	10.05	11.27	2.33	0.51	0.18	59.38
	Jajpore	—	—	2.60	1.47	2.34	10.27	19.15	10.24	7.99	4.10	0.26	0.16	58.58
	Kendrapara	—	—	1.20	4.80	3.50	15.80	13.10	16.80	13.40	6.60	—	0.01	74.71
	Jagatsingapore	—	—	2.67	0.30	?	14.02	17.80	7.12	7.45	3.90	—	0.50	41.64
	Faise Point	—	—	3.56	1.24	2.77	7.28	12.63	16.94	8.68	1.88	0.07	0.34	54.74
POOREE	Pooree	—	—	0.83	0.01	3.96	11.48	13.96	8.92	6.30	4.37	—	—	49.83
	Khurdah	—	—	3.65	0.18	3.01	8.12	8.63	12.59	9.18	4.88	0.02	0.18	50.44
	Baupore	—	—	0.63	1.52	1.15	13.67	11.54	15.67	10.28	7.10	0.75	0.30	62.61
BALASORE	Balasore	—	0.09	6.04	1.13	6.59	8.39	21.75	11.06	14.72	9.65	—	0.29	79.71
	Bhuddruck	—	—	4.98	3.04	3.47	12.22	29.35	12.50	11.36	5.93	0.08	0.20	85.53
	Jellalore	—	0.09	0.81	0.78	5.48	8.34	24.45	7.47	10.31	7.60	—	0.20	68.13
	Sorah	—	0.27	2.11	1.65	5.95	4.94	14.89	12.41	4.78	9.39	—	0.15	55.55
	Chandbally	—	—	1.86	1.40	1.67	6.50	22.50	7.30	9.09	3.50	—	0.50	54.62
	Barcupudda	—	1.21	3.88	1.02	4.51	16.43	18.05	15.30	5.06	5.01	—	0.47	72.14
H. RIDAGH	Hazaribagh	—	0.25	2.01	—	2.80	8.07	13.21	14.83	5.90	2.48	—	—	49.67
	Pachamba	—	—	1.54	—	1.79	11.87	13.24	9.27	5.94	0.18	—	—	43.83
	Seetagarh	—	0.21	2.32	—	1.58	8.40	16.28	12.67	7.63	2.25	—	—	51.39
	Mowdie Hills	—	0.65	—	—	2.00	11.70	?	?	5.28	2.18	—	—	23.37
	Jhoonarah Hills	—	?	?	?	?	10.13	24.75	21.01	8.70	5.80	—	—	70.39
LOHARDUGGA	Ranchi	—	0.38	2.62	0.17	0.47	10.05	17.84	16.61	4.17	1.14	1.03	—	54.48
	Palamow	—	0.10	2.25	—	1.01	7.72	14.60	16.60	1.91	7.35	—	—	61.65
SINGBHOOM	Chyebassa	—	0.25	2.69	0.15	3.55	7.55	25.83	21.22	7.99	0.85	—	—	70.13
MANDHOOM	Porulia	—	0.11	1.49	0.12	2.58	9.50	16.44	18.76	5.94	5.36	0.26	—	59.66
	Gobindpore	—	0.01	1.48	0.02	0.61	5.11	12.46	9.06	3.76	2.59	0.08	—	35.18

METEOROLOGICAL OFFICE, BENGAL,
The 23rd February 1882.

ALEXANDER PEDLER,
Offg. Meteorological Reporter to the Govt. of Bengal.

II.—Table showing the average Monthly and Annual Rainfall at the Stations in Bengal.

DISTRICTS.	STATIONS.	of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL.															
BURDWAN	Burdwan ...	21-22	0.32	0.78	1.16	2.61	4.90	9.98	12.08	12.50	8.38	5.04	0.45	0.13	58.36
	Cutwa ...	11-12	0.55	1.59	1.19	2.12	4.29	10.27	9.73	12.69	8.86	3.92	0.29	0.05	55.55
	Culna ...	11-12	0.40	1.29	1.18	2.64	4.20	8.58	10.33	11.91	6.21	4.19	0.24	0.13	51.30
	Raneegunge ...	12	0.40	1.53	0.70	0.96	2.93	8.05	11.46	13.09	7.01	3.23	0.23	0.06	40.64
BANKOORA	Bankoora ...	24-27	0.35	1.20	1.55	1.56	3.25	10.09	12.54	11.56	8.97	4.81	0.45	0.11	56.47
	Bishenporee ...	.....	P	P	P	P	P	P	P	P	P	P	P	P	P
	Mallara ...	.....	P	P	P	P	P	P	P	P	P	P	P	P	P
BIRBHUM	Soory ...	19-22	0.49	1.14	0.58	0.85	2.94	10.14	12.67	12.94	9.70	3.71	0.14	0.14	55.44
	Hitampore ...	7	0.69	1.46	0.41	1.37	3.07	13.82	13.29	13.85	11.0	2.75	0.15	0.15	63.31
	Rampore Hat ...	9	0.64	1.27	0.59	1.74	3.06	9.67	10.74	13.76	10.00	3.85	0.17	0.05	55.64
MIDNAPORE	Midnapore ...	16-18	0.71	0.85	1.59	1.58	5.22	10.61	11.26	11.31	8.60	5.48	0.40	0.27	57.88
	Tumlook ...	11	0.47	1.34	2.21	2.06	5.40	9.01	11.57	13.23	8.40	4.45	0.25	0.14	58.53
	Ghatal ...	5-6	0.71	1.17	2.08	1.88	5.50	10.10	14.15	15.02	8.15	4.00	0.12	0.10	62.98
	Contai ...	13-14	0.38	1.19	0.95	1.74	4.26	11.43	14.96	13.72	12.85	9.36	1.21	0.21	72.26
HOOGHLY	Hooghly ...	17-18	0.49	1.39	1.94	3.02	5.81	10.58	11.65	12.90	8.06	3.99	0.40	0.22	60.42
	Serampore ...	10-11	0.51	1.23	1.25	2.13	4.81	9.64	12.45	11.82	8.08	4.70	0.29	0.19	57.10
	Jehanabad ...	10-11	0.46	1.67	1.30	1.78	5.78	9.79	12.75	15.08	10.52	5.25	0.28	0.11	64.67
HOOGHLY	Howrah ...	13-14	0.63	1.44	2.13	2.32	4.91	11.36	12.94	13.29	9.56	4.37	0.37	0.17	63.43
	Moheshreka ...	6-7	0.60	1.38	1.47	1.27	6.73	9.54	13.55	13.83	8.39	3.01	0.40	0.15	60.22
24-PREGUNNAIS	Saugor Island ...	14-15	0.35	0.82	0.92	1.45	4.70	11.62	15.52	15.65	11.91	9.91	0.73	0.21	78.85
	Alipore ...	11-12	0.69	1.55	1.76	2.08	5.59	10.20	13.32	14.14	9.33	4.75	0.28	0.18	63.87
	Bussirhat ...	11-12	0.52	0.76	1.93	1.87	6.50	9.95	12.49	12.33	8.25	4.01	0.40	0.07	50.8
	Barrasat ...	11-12	0.54	1.09	1.62	1.81	6.14	10.08	10.68	11.87	9.29	4.48	0.38	0.19	58.17
	Diamond Harbour ...	11-12	0.48	1.26	1.52	2.06	5.67	10.26	14.55	13.69	10.79	5.99	0.40	0.11	67.47
	Barripore ...	11-12	0.52	0.80	1.23	2.01	6.31	10.33	14.64	15.21	9.33	6.05	1.17	0.13	67.73
	Satkhira ...	11-12	0.47	0.85	2.66	3.28	6.13	11.76	11.87	11.88	8.59	4.35	0.54	0.26	62.64
	Barneekpore ...	11-12	0.49	1.16	1.81	1.90	4.93	8.64	11.61	11.08	7.55	3.75	0.62	0.23	57.77
	Dum-Dum ...	11-12	0.46	0.97	1.01	2.26	5.83	9.88	11.74	12.72	8.44	4.63	0.32	0.19	59.05
	Kishnaghar ...	18-21	0.50	1.16	1.09	2.69	6.82	10.19	10.49	11.58	7.77	4.60	0.38	0.16	57.43
NUDDEA	Bongong ...	12	0.39	1.20	1.79	2.84	5.96	10.41	11.20	13.56	7.62	4.65	0.22	0.20	60.13
	Meherpore ...	11-12	0.37	1.26	1.86	2.75	4.95	10.15	10.68	12.74	8.05	3.68	0.18	0.12	56.77
	Choudanga ...	11-12	0.40	1.45	1.69	2.76	8.32	9.82	10.20	13.07	11.26	4.54	0.63	0.08	64.22
	Kooshtea ...	12	0.42	1.37	1.51	3.30	6.96	11.67	11.75	13.01	10.53	4.45	0.33	0.15	65.45
	Ranaghat ...	11-12	0.56	1.05	1.28	3.32	5.36	9.81	9.39	13.71	6.70	3.59	0.38	0.11	55.29
JESSORE	Jessore ...	22-27	0.51	0.70	1.86	4.80	7.58	13.70	11.50	11.80	9.23	5.85	0.92	0.13	68.38
	Narail ...	10-11	0.93	1.15	1.82	3.57	7.32	11.87	10.09	11.45	8.02	3.87	0.26	0.13	60.48
	Rhodna ...	10-11	0.74	1.04	1.81	3.76	6.51	11.87	12.89	12.85	9.39	4.54	0.36	0.18	66.04
	Jhenidah ...	10-11	0.42	1.41	2.04	3.87	5.84	13.52	10.09	14.48	9.42	4.74	0.29	0.06	66.21
	Ragirhat ...	10-11	0.61	1.00	1.33	3.84	6.67	14.06	15.04	12.15	9.04	3.83	0.69	0.20	63.46
MOORSHEDABAD	Magoora ...	10-11	0.41	1.20	2.15	4.60	7.46	11.03	11.14	11.02	9.14	3.47	0.27	0.07	61.96
	Berhampore ...	27-29	0.47	1.02	1.08	2.05	4.63	9.76	10.60	10.78	9.74	5.49	0.29	0.09	56.00
	Lalbagh ...	11	0.60	1.02	0.79	1.41	4.11	8.96	10.28	13.26	10.80	4.37	0.21	0.04	56.21
	Junajpore ...	11	0.53	1.07	0.65	1.52	4.52	8.72	11.63	12.10	11.02	4.05	0.10	0.08	55.99
	Azimnunge ...	9-10	0.57	1.15	0.94	1.60	3.70	8.06	9.84	13.17	9.83	5.90	0.16	0.05	54.97
DINAGEPORE	Lalgolla ...	8-9	0.90	0.86	0.75	1.51	4.67	7.07	11.41	12.37	11.27	5.11	0.31	0.08	57.21
	Kandi ...	6-7	0.46	1.50	0.72	1.71	4.43	9.88	12.07	12.87	10.32	3.59	0.55	0.27	59.27
	Dinapore ...	22-24	0.27	0.70	0.74	2.27	7.13	17.91	15.97	13.31	13.28	4.91	0.25	0.09	76.53
	Raigunge ...	5-6	0.70	0.82	0.93	0.98	6.56	16.33	12.87	10.90	9.97	3.99	0.12	0.15	64.07
	Mohadehpore ...	3-4	0.21	1.29	1.19	1.92	7.27	18.90	11.04	20.37	12.56	3.12	0.22	0.11	78.20
MALDAH	Chooramon ...	P	P	P	P	P	P	P	P	P	P	P	P	P	P
	Chanchal ...	24-26	0.73	0.85	0.94	1.56	3.63	10.03	10.67	10.25	11.06	4.47	0.25	0.33	54.97
RAJSHAHIE	Bandeah ...	8-9	0.49	0.84	0.45	1.14	5.03	14.34	13.15	15.87	11.46	3.64	0.24	0.07	63.73
	Natore ...	23-27	0.30	1.07	1.25	1.87	5.61	11.22	12.07	11.25	11.16	5.23	0.31	0.05	61.36
RANGPORE	Rangpoore ...	11-12	0.77	1.18	0.79	2.28	6.08	10.73	13.15	13.07	12.52	5.04	0.30	0.06	66.56
	Rangpoore ...	21-25	0.40	0.41	0.95	2.72	10.52	22.04	17.53	13.11	13.55	5.03	0.34	0.12	86.52
	Dhabanigunge ...	11	0.40	0.52	1.23	2.43	8.49	15.56	13.69	11.36	13.26	4.15	0.16	0.19	71.35
	Kariganam ...	6-7	0.50	0.64	1.66	3.87	13.59	18.26	9.97	13.72	4.98	0.29	0.30	90.88	
	Bagdogra ...	5-7	0.28	0.73	0.96	3.62	12.87	31.25	15.92	19.35	17.20	4.15	0.04	0.27	106.64
BOGRA	Bogra ...	19-22	0.49	1.20	0.77	3.79	6.85	15.66	17.24	13.16	12.88	5.09	0.98	0.11	80.23
	Sherpore ...	5-6	0.44	1.73	1.06	1.52	8.91	12.41	16.95	15.56	12.00	4.31	0.98	0.25	78.12
	Nowkhilla ...	5-6	0.48	1.39	0.56	1.79	8.04	13.10	13.43	12.93	10.93	4.67	0.96	0.17	88.45
	Panchabibi ...	5-6	0.44	0.80	0.91	0.92	7.77	11.15	15.21	13.76	10.28	4.02	0.02	0.10	65.38
PUBNA	Pubna ...	18-20	0.42	1.33	1.72	3.85	7.05	12.42	11.22	13.67	11.64	4.62	0.41	0.06	65.41
	Serajgunge ...	11-12	0.52	1.11	1.16	2.99	7.28	11.13	12.03	11.82	10.13	4.18	0.46	0.10	62.91
DARJEELING	Darjeeling ...	21-24	0.68	1.19	2.40	3.72	7.10	24.08	30.48	25.97	17.75	6.40	0.22	0.19	120.18
	Julpigoree ...	12-13	0.40	0.40	1.79	4.16	11.38	29.80	25.53	22.74	24.56	5.14	0.11	0.09	126.10
JULPIGOREE	Boza ...	12-13	0.94	0.94	2.13	9.11	21.53	47.87	61.55	40.55	33.85	10.09	0.41	0.51	218.28
	Boza ...	10-11	0.45	0.34	1.34	5.83	14.79	36.55	24.37	19.45	22.42	4.60	0.03	0.12	130.29
COOCH BEHAR TRIBUTARY STATES.	Dinhatia ...	5-6	0.57	0.53	1.70	3.48	15.63	34.06	20.48	13.27	26.05	4.43	0.02	0.33	120.56
	Matebhanga ...	5-6	0.28	0.45	2.32	3.80	15.79	32.15	25.36	18.72	25.81	4.49	0.01	0.18	120.39
	Mickligunge ...	5-6	0.06	0.36	0.97	5.05	15.31	29.71	24.53	17.93	25.29	4.30	0.00	0.23	121.74
	Mickligunge ...	5-6	0.06	0.36	0.97	5.05	15.31	29.71	24.53	17.93	25.29	4.30	0.00	0.23	121.74
DACCA	Dacca ...	31-33	0.30	0.99	2.										

DISTRICTS.	STATIONS.	Number years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL— continued.															
CHITTAGONG	Chittagong ...	23-27	0.47	1.19	1.38	4.82	8.50	22.23	22.42	21.12	13.74	5.85	1.46	0.04	103.58
	Cox's Bazar ...	11-12	0.55	0.27	1.30	2.67	10.03	34.21	42.53	24.09	15.10	8.16	1.39	0.31	149.61
NOAKHALLY	Noakhally ...	23-25	0.49	0.78	2.11	3.99	9.47	24.04	20.89	22.01	16.78	7.52	1.55	0.14	109.77
	Fanny ...	5-6	0.88	0.77	2.09	3.28	11.53	26.35	24.36	24.42	17.62	6.17	3.83	0.18	121.68
TIPPERAH	Comillah ...	24-25	0.67	0.93	2.95	6.61	10.29	18.24	18.53	16.13	11.43	5.41	1.45	0.13	92.77
	Chandpore ...	3-4	0.25	0.43	5.02	4.18	6.68	19.35	15.90	22.28	11.78	5.88	0.20	0.19	92.14
	Brahmunberiah ...	11-12	0.98	1.40	4.91	4.14	9.64	15.63	12.11	13.14	11.60	4.86	0.56	0.15	79.12
CHITTAGONG HILL TRACES	Rangamatee Hill ...	13	0.48	1.01	2.39	3.89	9.62	18.37	20.87	19.37	13.65	8.22	1.27	0.27	99.41
	Ruma ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?
HILL TIPPERAH	Agartola ...	9-10	0.96	1.26	5.05	3.80	10.59	13.69	11.88	14.85	10.98	4.91	1.00	0.21	79.18
PATNA	Patna ...	26-28	0.71	0.57	0.37	0.32	1.60	6.72	10.42	5.61	8.33	2.82	0.21	0.13	41.81
	Behar ...	11-12	0.53	0.82	0.24	0.28	2.20	5.78	12.94	10.94	6.19	3.52	0.19	0.08	43.71
	Barh ...	11-12	0.49	0.62	0.37	0.13	2.39	4.68	12.51	10.11	3.64	3.45	0.21	0.03	46.03
	Dinapore ...	11-12	0.57	0.48	0.17	0.34	1.43	6.45	11.20	11.39	7.79	3.11	0.09	0.12	43.10
GYA	Gya ...	20-22	0.69	0.62	0.43	0.37	1.26	6.06	11.37	9.64	6.53	2.49	0.19	0.12	39.75
	Nowadah ...	11-12	0.44	0.73	0.36	0.28	2.47	5.98	12.30	11.29	6.54	2.37	0.12	0.17	43.05
	Aurangabad ...	10-12	0.52	0.53	0.33	0.30	1.37	4.99	13.07	12.53	6.34	2.75	0.12	0.20	43.05
	Jehanabad ...	9	0.66	0.65	0.27	0.20	1.58	4.67	12.15	13.05	4.43	3.05	0.21	0.08	41.00
SHAHABAD	Arrah ...	23-26	0.87	0.68	0.53	0.64	1.36	6.73	12.40	10.23	8.79	2.76	0.19	0.06	45.24
	Sasseram ...	11-12	0.41	0.78	0.20	0.15	1.02	5.57	13.29	12.24	6.47	3.63	0.17	0.10	44.03
	Buxar ...	13-14	0.62	0.46	0.30	0.21	0.83	4.93	11.96	10.07	7.24	3.24	0.12	0.15	40.33
	Bhuboah ...	11-12	0.69	0.78	0.75	0.15	1.06	5.75	12.50	12.28	7.03	2.79	0.08	0.24	44.58
MOZUFFERPORE	Mozufferpore ...	23-26	0.83	0.61	0.51	0.52	2.24	6.21	11.09	9.86	8.40	2.96	0.08	0.05	43.46
	Hajepore ...	10-11	0.65	0.72	0.43	0.28	1.50	6.28	12.51	10.91	9.87	4.25	0.12	0.08	47.60
	Sectamurhee ...	11	0.66	0.39	0.78	1.27	2.83	8.30	11.00	8.24	8.72	2.63	0.02	0.10	44.84
DURBHUNGA	Durbhunga ...	11	0.48	0.57	0.33	0.62	2.34	7.20	12.98	10.41	9.21	2.93	0.04	0.13	47.24
	Mudhoobanee ...	10-11	0.77	0.62	0.53	1.26	2.36	8.27	10.49	8.98	10.46	2.99	0.02	0.05	46.80
	Tajpore ...	11	0.71	0.56	0.31	0.37	1.61	6.93	12.86	9.32	8.21	2.84	0.66	0.02	44.40
SARUN	Chupra ...	26-29	0.70	0.54	0.41	0.43	1.28	6.11	10.16	9.26	7.62	2.77	0.10	0.04	39.42
	Sewan ...	11-12	0.73	0.78	0.30	0.26	1.78	7.58	12.32	10.41	9.46	3.75	0.10	0.07	47.49
	Gopalgunge ...	2-4	?	?	?	?	?	?	?	?	?	?	?	?	?
CHUMPHAMUN	Motiharree ...	23-24	0.45	0.33	0.63	0.64	2.37	8.35	10.01	12.24	8.19	3.51	0.09	0.11	47.99
	Bettiah ...	10-11	0.54	0.61	0.49	0.99	3.00	9.78	13.37	11.65	9.53	2.06	0.02	0.12	52.66
	Segowale ...	5	0.83	0.92	?	?	?	7.57	13.78	9.89	7.23	2.91	0.03	0.28	43.44
MONGHYR	Monghyr ...	27-30	0.41	0.74	0.46	0.48	1.79	6.81	11.68	11.03	8.09	4.07	0.27	0.09	49.32
	Begpore ...	11-12	0.49	0.74	0.21	0.41	2.07	5.01	11.68	9.84	6.73	3.33	0.29	0.04	40.84
	Jamjee ...	10-12	0.71	0.95	0.36	0.71	2.09	6.66	12.31	11.15	7.60	2.31	0.04	0.05	44.94
BHAGULPORE	Bhagulpore ...	27-28	0.60	0.75	0.38	0.95	2.52	8.07	11.48	10.65	7.53	4.36	0.22	0.08	47.49
	Sooole ...	10-11	0.39	0.50	0.43	0.73	2.91	8.39	13.02	12.11	10.96	2.65	0.02	0.11	52.22
	Muddehpooa ...	11-12	0.44	0.77	0.36	1.14	3.39	6.98	12.92	12.39	11.04	4.81	0.05	0.07	54.36
	Banka ...	11-12	0.63	0.76	0.32	0.74	2.36	8.30	11.35	11.66	8.25	3.61	0.10	0.14	47.49
PUERNAH	Purneah ...	11-12	0.36	0.62	0.35	1.49	3.43	12.22	15.38	14.13	14.91	4.10	0.07	0.19	67.25
	Kissengunge ...	10-11	0.53	0.60	0.74	1.09	5.63	16.26	17.43	14.90	14.29	1.19	0.05	0.15	72.86
	Arrariah ...	9-10	0.32	0.73	0.69	1.56	5.53	13.31	16.91	12.57	14.49	3.44	0.04	0.09	69.70
SONTHAL PER- GUNNAHS	Nya Doomka ...	11	0.60	0.94	0.68	1.24	3.27	9.88	14.43	13.94	10.26	4.61	0.19	0.19	60.23
	Rajmechal ...	10-11	0.12	0.65	0.35	1.50	4.29	10.75	13.41	10.63	12.33	3.36	0.32	0.13	57.74
	Deoghur ...	12-13	0.39	0.86	0.69	0.99	2.71	7.98	13.54	11.13	8.79	5.05	0.13	0.16	62.42
	Jamtara ...	6-7	0.22	0.58	0.80	0.80	3.49	8.01	13.11	12.69	6.18	2.50	0.37	0.03	48.78
	Pakour ...	3-4	0.30	1.28	0.80	0.42	4.09	12.16	13.68	14.26	11.90	4.73	0.13	0.03	63.75
	Godda ...	9-10	0.25	0.89	0.38	0.48	2.51	8.01	11.98	12.24	10.12	3.27	0.08	0.00	50.27
CUTTACK	Cuttaek ...	21-24	0.43	0.48	0.95	1.52	2.89	9.88	12.17	11.39	9.47	5.95	0.98	0.48	55.59
	Jajpore ...	10-11	0.33	1.11	0.86	1.96	4.15	10.06	13.56	10.70	9.47	5.96	0.70	0.89	59.75
	Kendrapara ...	11	0.52	0.52	0.77	1.64	3.63	8.85	11.64	14.26	9.69	6.47	0.92	0.37	59.18
	Jagatsingapore ...	10-11	0.28	0.40	0.89	0.97	...	...	9.98	10.47	7.50	7.12	1.45	0.21	39.38
POORBE	False Point ...	15	0.44	0.77	1.19	3.11	3.22	9.57	14.04	14.70	11.45	11.66	2.47	0.37	73.19
	Poorbe ...	24-27	0.26	1.01	0.58	1.11	2.56	8.07	10.29	11.73	9.88	8.28	1.84	0.63	56.24
BALASORE	Khurdah ...	11-12	0.36	0.59	0.98	0.97	3.32	9.78	13.60	12.80	10.11	1.51	1.02	0.27	55.31
	Balasore ...	22-23	0.82	1.11	1.80	3.27	4.62	9.78	11.56	12.37	12.54	7.33	1.25	0.20	66.65
	Bhuddruck ...	11-12	0.37	1.35	0.80	1.96	4.96	7.95	12.78	10.88	10.89	4.71	1.07	0.38	58.10
	Jellalore ...	8-9	1.07	0.92	0.89	1.55	3.74	7.07	16.71	12.24	10.53	4.86	0.69	0.06	60.24
	Sorah ...	8-9	0.33	0.73	1.55	1.65	4.93	5.59	12.39	12.17	10.47	6.29	0.72	0.14	56.91
	Chandbally ...	8-9	0.34	1.15	0.80	1.44	0.82	6.39	12.90	11.99	11.04	6.32	1.66	0.59	58.44
HAZARIBAGH	Barepudda ...	3	0.42	0.26	1.88	0.30	4.57	10.04	12.19	12.79	11.50	5.15	0.10	0.25	60.65
	Hazaribagh ...	20-22	0.48	0.84	0.63	0.36	1.48	8.19	12.78	12.66	7.37	3.31	0.33	0.13	48.56
	Pachamba ...	11-12	0.39	0.92	0.56	0.80	2.36	8.99	13.31	11.81	8.01	3.37	0.22	0.15	50.89
	Seetagarh ...	3-4	0.20	0.68	0.82	...	2.93	9.00	13.39	12.52	6.89	2.54	0.27	0.06	49.60
LOHAEDUGGA	Mowdie Hills ...	3-4	0.38	1.09	0.52	...	2.48	6.92	...	...	7.86	2.48	0.46	Nil.	22.19
	Ranchee ...	24-26	0.83	1.15	1.39	0.71	1.83	7.23	11.67	11.76	7.89	3.23	0.23	0.14	48.06
SINGBHOOM	Palamow ...	11-12	0.40	0.61	0.66	0.41	1.24	6.51	13.52	11.50	7.59	2.72	0.18	0.27	45.70
	Chyebassa ...	12-13	0.79	1.07	1.41	0.93	3.62	8.38	14.12	14.25	8.88	3.25	0.21	0.23	57.14
MANBHOOM	Purulia ...	17-19	0.42	1.08	0.94	0.90	2.38	8.88	10.76	12.53	7.48	4.05	0.12	0.17	49.71
	Gobindpore ...	10-11	0.60	1.29	0.54	0.77	1.96	8.62	13.61	14.18	7.25	4.86	0.13	0.17	53.98

METEOROLOGICAL OFFICE, BENGAL,
The 23^d February 1882.

ALEXANDER PEDLER,
Offg. Meteorological Reporter to the Government of Bengal.

III.—Comparison Table of the Rainfall of 1881 at the stations in Bengal with the averages of the past years.

DISTRICTS.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL.														
BURDWAN	Burdwan	-0.32	-0.77	+0.99	-0.56	+3.01	-0.93	+0.42	+8.66	+2.31	-1.43	-0.48	-0.13	+10.77
	Cutwa	-0.55	-1.59	+1.31	-1.71	+3.65	-4.83	-1.71	+0.54	-1.71	+2.07	-0.29	-0.05	-4.87
	Culna	-0.40	-1.29	+3.17	-0.94	-0.35	-0.79	+1.89	-2.75	+0.95	-1.68	-0.24	-0.13	-2.56
	Raneegunge	-0.40	-1.53	+0.72	-0.59	-0.22	+1.87	+6.77	+0.43	-2.45	-1.36	-0.23	-0.05	+2.96
BANKOORA	Bankoora	-0.35	-0.93	+0.04	-0.79	-1.97	+7.94	+10.53	+6.32	-0.90	-2.53	-0.45	-0.11	+16.89
	Bishenpore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Maliara	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
BEERBHOOM	Soory	-0.49	-1.14	+0.20	+0.03	+0.50	-1.70	+4.24	+2.50	-4.34	+1.40	-0.14	-0.14	+0.32
	Hitampore	-0.69	-1.46	+0.39	-0.60	-0.52	-4.51	+11.04	-5.93	-6.18	+1.37	-0.15	-0.15	-7.09
	Raypore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Rampore Hat	-0.64	-1.27	+1.05	-1.74	+3.25	-0.40	-2.97	+0.26	-3.07	-0.74	-0.17	-0.05	+6.49
MIDNAPORE	Midnapore	-0.58	-0.85	+3.36	-0.63	-0.45	+8.63	+9.38	+0.87	-5.67	-1.33	-0.40	-0.04	+12.29
	Tumlook	-0.47	-1.34	+3.24	-0.81	+2.04	+5.39	+2.68	+12.57	+1.05	-1.75	-0.25	-0.14	+22.21
	Ghattal	-0.71	-1.17	+3.79	-0.43	+2.08	+6.77	-0.09	+6.06	-1.29	-0.87	-0.12	+0.13	+14.16
	Contai	-0.38	-1.19	+0.26	-0.63	+5.22	+7.91	+18.28	+6.14	-2.37	-3.73	-1.21	+0.16	+28.46
HOOGHLY	Hooghly	-0.49	-1.35	+2.36	-1.42	-1.14	+2.07	+3.52	+3.77	-2.17	-0.36	-0.40	-0.06	+4.33
	Serampore	-0.51	-1.23	+1.55	-1.23	+0.40	+4.10	+4.48	+3.23	-0.26	-1.05	-0.29	-0.02	+9.17
	Jehanabad	-0.46	-1.52	+1.47	-0.64	+0.45	+7.91	+1.51	+5.63	-1.31	+1.65	-0.28	-0.05	+14.36
HOWRAH	Howrah	-0.63	-1.44	+1.10	-0.25	+3.08	+3.76	+0.45	+3.94	-4.18	-1.93	-0.37	+0.18	+3.71
	Moheshreka	-0.60	-1.38	+2.28	-0.11	-0.25	+5.35	+1.30	+7.53	-1.43	-0.16	-0.40	+0.37	+12.50
24-PERGUNNAHS	Sauor Island	-0.35	-0.82	+0.16	+0.53	+5.06	-0.78	+16.24	+11.69	-7.66	-3.24	-0.73	+0.14	+20.72
	Alipore	-0.69	-1.45	+2.03	-0.22	+1.29	+2.12	-0.57	+3.32	-2.60	-3.45	-0.28	+0.12	-0.52
	Bussirhat	-0.52	-0.76	+1.45	-0.80	+8.34	+1.28	-1.28	+2.82	+3.19	-0.03	-0.40	+0.16	+7.45
	Barraset	-0.54	-1.09	+1.12	-0.13	+3.37	+5.13	+1.12	+3.74	+0.31	-2.68	-0.38	+0.07	+0.04
	Diamond Harbour	-0.48	-1.26	+2.07	-2.28	+2.39	+1.65	+4.23	+6.73	-5.23	-0.67	-0.49	+0.26	+6.92
	Barriopore	-0.52	-0.80	+1.52	-0.21	+0.12	+7.73	-0.01	+5.59	-0.17	-0.16	-1.17	-0.03	+11.89
	Satkhira	-0.47	-0.95	-0.60	-2.21	+2.14	+2.57	+0.55	+2.67	-0.01	-0.72	-0.54	-0.08	+2.45
	Barrackpore	-0.49	-1.16	+2.04	-0.69	+1.32	+6.23	+6.70	+8.65	-0.02	+1.00	-0.62	-0.09	+22.87
	Dum-Dum	-0.46	-0.97	+2.19	-0.51	+3.11	+4.62	+0.80	+2.59	-3.99	-1.13	-0.32	+0.26	+6.19
	Kishnagur	-0.50	-1.16	+2.43	+0.13	+2.01	-3.93	-2.18	+8.84	+7.86	-2.22	-0.38	-0.16	+10.74
NUDDRA	Bongong	-0.33	-1.20	+1.91	+0.25	+9.74	-1.70	-0.73	+2.36	+0.57	-2.05	-0.22	-0.29	-8.31
	Meherpore	-0.37	-1.26	+1.81	+0.24	-0.57	-1.33	-1.63	-1.33	-1.50	-0.75	-0.18	+0.38	-5.99
	Chooadanga	-0.40	-1.45	+1.75	-0.68	+2.94	+1.52	-2.61	-0.30	-2.39	-2.16	-0.63	-0.08	+4.40
	Koochhat	-0.42	-1.37	+2.81	-2.33	+7.52	-1.08	+0.38	-0.59	+3.33	-2.45	-0.33	-0.10	+7.37
	Ranaghat	-0.56	-1.05	+2.29	-2.11	+2.97	+1.35	+1.64	-1.65	-2.51	+2.08	-0.38	-0.11	+1.86
JESSORE	Jessore	-0.18	-0.70	+4.55	-2.34	+0.96	-0.59	-2.54	-1.90	+1.71	-4.17	-0.92	+0.06	-6.06
	Narail	+0.02	-1.15	+2.89	-1.14	+1.40	-2.43	-3.72	-2.12	+8.63	-0.91	-0.26	-0.11	+1.00
	Khoolna	-0.74	-1.04	+0.01	+3.12	+3.65	-4.35	-3.26	+3.15	+1.57	-1.24	-0.36	+0.07	+0.58
	Jhenidah	-0.42	-1.41	+0.73	-2.18	+2.07	+0.23	-4.04	-3.31	-1.02	-2.63	-0.29	-0.04	-12.31
	Bagirhat	-0.61	-1.00	+0.37	+2.26	+2.88	+0.93	+3.38	-1.43	+4.01	-0.27	-0.69	-0.10	+9.73
	Magoora	-0.41	-1.20	+0.60	+1.76	+1.66	+1.14	-2.42	+1.71	+1.67	-0.28	-0.27	0	+3.96
MOORSHEDABAD	Berhampore	-0.47	-1.02	+1.48	-1.48	+1.56	-6.01	+1.22	-1.18	-4.10	+0.84	-0.29	-0.09	-9.54
	Lalbagh	-0.66	-1.02	+2.29	-0.31	+3.44	-2.81	+0.40	-0.38	-4.68	+2.82	-0.21	-0.04	-1.16
	Junjypore	-0.53	-1.07	+0.62	-1.22	+1.97	-0.08	-2.40	-3.50	-2.55	-1.61	-0.10	-0.08	-10.55
	Azimungunge	-0.67	-1.15	+3.05	+0.06	+1.49	-1.59	-3.81	-1.56	-2.16	+3.30	-0.16	-0.05	-3.15
	Lalgolia	-0.90	-0.86	+1.79	-1.15	-0.56	-0.34	-2.02	-1.30	-3.94	+1.91	-0.31	-0.08	-7.76
DINAGEPORE	Kandi	-0.46	-1.50	+1.74	-1.52	+2.26	-2.88	-1.80	-2.00	-3.11	+0.58	-0.55	-0.27	-9.51
	Dinapore	-0.27	-0.70	+1.77	-1.76	+2.10	-4.26	-9.96	-4.02	+1.99	-1.12	-0.19	-0.09	-16.51
	Raizunge	-0.70	-0.82	+1.20	-0.17	+0.67	-1.55	-5.70	-4.38	-1.06	-0.79	-0.12	-0.15	-13.57
	Mohadebore	-0.21	-1.24	+1.01	+2.48	+1.59	-7.86	-4.48	-8.50	-0.61	-0.73	-0.22	-0.11	-18.88
MALDAH	Chooramon	?	?	?	?	?	?	?	?	?	?	?	?	?
	Maldah	-0.73	-0.55	+2.11	-0.40	+5.48	+2.56	-2.54	+0.72	-0.91	+5.17	-0.20	-0.33	+10.38
RAJSHAHYE	Chanchal	-0.49	-0.84	+0.77	-0.14	+5.36	+1.06	-3.68	-3.54	-4.10	+2.79	-0.24	-0.07	-3.12
	Beaulah	-0.30	-1.05	+0.89	-0.81	+4.67	-4.09	-3.18	+0.61	-0.26	+2.05	-0.31	-0.05	-1.63
BUNGPORE	Nattore	-0.77	-1.18	+1.41	-2.03	+9.48	-5.55	+0.64	+2.11	+2.84	-0.88	-0.30	-0.05	+5.72
	Bungpore	-0.40	-0.01	+2.51	-1.41	-3.46	-6.26	-0.47	-5.41	+5.08	+1.20	-0.31	+0.12	-18.06
BOGRA	Bhabaungunge	-0.40	-0.37	+2.10	-1.48	+6.15	-0.19	-4.65	+3.68	+10.54	-0.61	-0.16	-0.19	+14.42
	Kurigram	-0.50	-0.31	+1.97	-0.92	+5.15	-5.71	-7.60	-6.03	+4.45	-3.26	-0.29	-0.30	-13.35
	Bogdoga	-0.28	-0.57	+2.36	-2.40	+4.44	-7.47	-7.47	-10.89	+2.50	+1.86	-0.94	-0.27	-18.23
BOGRA	Bogra	-0.49	-1.20	+2.11	-2.43	+4.65	-7.93	-10.47	+5.23	+2.49	-0.41	-0.92	-0.11	-9.45
	Sherpore	-0.44	-1.73	+0.93	-0.29	+3.82	-4.09	-9.55	+2.34	+2.80	-1.51	-0.98	-0.25	-13.80
	Nowkhilla	-0.48	-1.39	+1.08	+0.14	+3.98	-3.84	-7.99	-3.21	+3.59	-1.98	-0.96	-0.17	-11.25
	Panchabli	-0.44	-0.80	+3.10	+0.55	+5.30	-3.32	-8.22	-2.83	+3.53	-0.88	+0.99	-0.10	-4.02
PUENA	Puena	-0.42	-1.26	+2.69	-2.65	+6.64	-4.50	-0.69	+3.08	-0.70	-2.33	-0.41	-0.06	-0.01
	Serajungunge	-0.52	-1.11	+1.05	-2.19	+6.13	-0.02	-6.89	+2.40	+4.41	+1.52	-0.46	+0.29	+4.52
DARJEELING	Darjeeling	-0.68	-0.89	-0.75	-2.02	+2.20	-4.93	-12.28	-0.32	+10.65	-0.05	-0.22	-0.12	-9.41
	Julpigoree	-0.40	-0.38	+2.85	-3.10	-0.21	-7.12	-12.20	-2.82	+21.08	-0.67	+1.24	-0.09	-1.82
JULPIGOREE	Boxar	-0.78	-0.55	+1.67	+4.71	-1.53	-0.44	-23.66	+4.55	+26.19	-0.40	-0.35	-0.51	+9.10
	Cooch Behar	-0.45	-0.16	+3.37	-3.73	+3.79	-16.00	-8.77	-3.98	+16.47	-0.39	-0.03	-0.11	-10.00
COOCH BEHAR TRIBUTARY STATES.	Dinhatia	-0.57	-0.31	+1.32	-1.59	+5.01	-16.79	-11.83	-1.43	+8.42	-1.36	-0.02	-0.33	-19.43
	Matabhanga	-0.28	-0.41	+2.13	-0.37	+0.20	-9.64	-11.56	-6.83	+9.12	-0.53	-0.01	-0.18	-19.28
	Miskilgunge	-0.06	-0.33	+1.22	-3.38	+0.69	-14.80	-15.72	-8.24	+6.06	+0.53	0	-0.23	-34.26
	Dacca	-0.30	-0.99	+1.81	-0.55	+2.46	+4.08	-6.59	+3.14	+4.78	-2.69	-0.70	-0.13	+4.33
DACCA	Moushigunge	-0.64	-1.45	+7.53	+4.16	+4.50	+9.99	-4.97	+6.51	+1.08	-2.80	-0.89	-0.18	+23.45
	Manickgunge	-0.50	-1.32	+2.40	-1.10	+3.31	+3.80	-5.10	-0.37	+1.72	-1.64	-0.35	-0.11	+0.74
	Furreedpore	-0.54	-1.27	+2.31	-1.92	+0.79	+3.27	-2.74	-2.07	-1.56	-1.35	-0.54	-0.07	-5.79
FURREEDPORE	Goalundo	-0.51	-1.65	+2.15	+0.40	+3.34	+4.28	-4.78	+0.91	-0.15	-0.42	-0.33	-0.11	+3.55
	Madaripore	-0.79	-1.02	+2.49	+3.49	-0.91	+10.57	-5.64	-3.57	-0.63	-2.55	-0.46	-0.03	+0.96
	Barrisal	-0.32	-0.86	+4.16	-0.36	+2.94	+17.48	-2.18	+1.16	+1.80	-2.47	-0.68	-0.04	+20.63
BACKERGUNGGE	Perozepore	-0.59	-0.98	+0.44	+3.05	+0.89	+6.26	-3.22	+2.53	+0.97	-1.99	-0.65	-0.18	+12.31
	Patoakhally	-0.72	-0.95	+2.65	-0.19	+4								

DISTRICTS.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
BENGAL—continued.														
CHITTAGONG	Chittagong	-0.47	-1.19	-0.24	-0.29	+2.68	+2.77	+8.53	-10.99	-4.63	-4.20	-0.05	+0.36	-7.32
	Cox's Bazar	-0.55	-0.27	-0.92	-0.47	+2.33	-1.08	+0.85	+3.22	+1.74	-4.58	-0.43	+0.14	0
NOAKHALY	Noakhally	-0.20	-0.73	+3.43	+1.88	+1.53	+19.43	-1.74	+7.91	+4.27	-5.32	-1.11	-0.03	+29.23
	Fenny	-0.82	+0.09	+1.23	+1.69	-0.02	0.98	-6.34	-0.32	+10.83	-0.44	-3.56	-0.07	+1.29
TIPPERAH	Commilla	-0.57	-0.93	+4.10	+1.49	-0.05	+0.56	+1.38	+1.34	+6.47	-3.72	-1.27	-0.07	+8.73
	Chandpore	0	-0.13	-0.77	+7.07	+5.47	+8.20	+0.90	+0.80	+1.35	-4.70	+0.15	-0.14	+18.20
CHITTAGONG HILL TRACTS	Brahmunberia	-0.98	-1.40	-0.06	-0.31	+4.11	-3.37	-4.20	+0.50	+8.18	-1.21	-0.29	+0.13	+0.10
	Radgamatee Hill	-0.43	-0.47	-0.94	+1.75	+0.74	-0.02	+26.02	-3.99	-2.93	-0.54	-0.75	+0.27	+18.68
HILL TIPPERAH	Buma	?	?	?	?	?	?	?	?	?	?	?	?	?
	Agartola	-0.96	-1.26	+2.08	-1.05	-1.81	-0.21	-1.41	-1.22	+7.70	-2.02	-0.74	-0.21	-1.11
PATNA	Patna	-0.63	-0.53	+2.38	+0.65	+3.43	+4.54	+5.88	+3.00	+1.11	+0.70	-0.21	-0.13	+20.17
	Behar	-0.50	-0.65	+1.25	-0.08	-0.20	+3.91	-1.25	+0.50	-1.72	+2.11	-0.19	-0.08	+3.10
	Barh	-0.49	-0.56	+0.98	-8.09	+0.53	+1.20	-2.44	+2.45	-0.73	+1.65	-2.21	-0.03	+2.26
	Dinapore	-0.57	-0.48	+0.82	+0.36	+3.44	-0.66	+0.28	+3.66	+0.59	+1.87	-0.09	-0.12	+0.10
GYA	Gya	-0.49	-0.54	+1.19	-0.34	+0.36	+3.71	+2.12	+5.15	-4.79	+3.09	-0.19	-0.10	+9.17
	Nowadah	-0.44	-0.73	+1.15	-0.21	-1.41	+7.22	+4.23	+2.29	-5.03	+1.75	-0.12	-0.17	+8.53
	Aurangabad	-0.46	-0.01	+1.28	-0.30	-0.76	+2.44	+2.61	+4.83	-1.36	+2.10	-0.13	-0.20	+10.11
	Jehanabad	-0.56	-0.65	+0.96	+0.13	-0.13	+3.54	-3.67	+7.47	-2.51	+3.14	-0.21	-0.08	+7.42
SHAHABAD	Arrah	-0.80	-0.58	+0.57	-0.44	+1.49	-0.63	-0.21	+5.90	-5.77	+0.97	-0.19	-0.06	+0.25
	Sassaram	-0.27	-0.20	+1.02	0	+0.71	-0.73	-0.12	+2.04	-3.73	+1.05	-0.17	-0.10	-0.50
	Buxar	-0.75	-0.43	+0.42	-0.21	+0.46	+0.27	+0.97	+4.07	-4.95	+1.00	-0.12	-0.15	+0.58
	Bhubooh	-0.69	-0.38	+0.40	-0.12	+0.94	-0.35	-3.34	+3.24	+6.68	-0.07	-0.56	-0.24	-8.35
MOZUFFERPORE	Mozufferpore	-0.93	-0.61	+1.41	-0.52	+0.90	+0.46	-2.96	+0.52	-0.69	+0.62	-0.08	-0.05	-1.93
	Hajepore	-0.65	-0.72	+2.37	+0.17	+2.69	+2.43	-1.12	+1.87	-3.21	+0.57	-0.12	-0.08	+4.20
	Seetamurhee	-0.56	-0.26	+1.41	-0.84	-0.46	+0.71	-7.22	-3.93	+4.87	+0.52	-0.02	-0.10	-5.03
DURBHUNGA	Durbhunga	-0.48	-0.38	+1.11	-0.32	+1.93	+1.31	-9.31	-0.02	-0.29	+1.62	-0.04	-0.13	-5.00
	Mudhubani	-0.77	-0.57	+1.03	-0.94	-0.68	+6.40	-5.69	-4.21	+2.26	+2.56	-0.02	-0.05	-0.69
	Tajpore	-0.71	-0.56	+0.67	-0.37	-0.34	+3.28	-6.13	+3.12	+0.88	+2.11	-0.66	-0.02	+1.27
SARUN	Chupra	-0.70	-0.53	+0.15	-0.23	+0.57	-1.87	+0.61	+1.61	-3.08	+1.97	-0.10	-0.04	-1.64
	Sewan	-0.73	-0.73	+1.33	-0.26	+0.93	+0.90	-2.46	-0.47	-1.39	+1.80	-0.10	-0.07	-4.45
	Gopalgunge	?	?	?	?	?	?	?	?	?	?	?	?	?
CHUMPARUN	Motiharee	-0.45	-0.32	+0.48	-0.61	-0.52	+9.80	-7.72	-0.06	+8.25	+0.52	-0.09	-0.11	+0.14
	Bettiah	-0.54	-0.61	+0.23	-0.69	-1.55	+13.02	-7.80	-0.63	+3.04	+0.39	-0.02	-0.12	+4.72
	Segowlie	-0.83	-0.92	?	?	?	+7.03	-8.96	+0.12	+6.99	+1.22	-0.03	-0.08	+4.34
MONGHYR	Monghyr	-0.41	-0.63	+0.42	+0.35	-0.79	-0.14	-0.91	+1.75	-3.12	+5.69	-0.27	-0.09	+1.85
	Begoserai	-0.49	-0.74	+0.81	+0.16	0	+4.48	-2.38	+2.12	+3.79	+2.37	-0.29	-0.04	+10.29
	Jamboee	-0.71	-0.95	+1.56	+0.24	-1.11	+6.28	-0.30	+4.01	-5.63	+1.23	-0.04	-0.05	+4.53
BHAGULPORE	Bhagulpore	-0.50	-0.75	+0.76	-0.55	-1.51	-1.60	-0.58	-1.17	-1.39	+2.77	-0.22	-0.08	-4.82
	Soopole	-0.39	-0.43	+1.32	+0.12	+0.75	-0.93	-5.17	-5.71	+0.40	+2.90	-0.02	-0.11	-7.27
	Muddehpooorah	-0.44	-0.77	+0.73	-0.84	+2.21	+4.17	-4.30	-3.29	-5.60	+3.22	-0.05	-0.07	-5.03
	Banka	-0.63	-0.76	+1.07	+0.26	-1.47	+1.70	-1.89	+0.64	-4.90	+0.95	-0.10	-0.14	-6.16
	Sonbursa	?	?	?	?	?	?	?	?	?	?	?	?	?
PUENNAH	Purneah	-0.30	-0.62	+1.45	-1.13	+0.03	+9.80	-8.33	-0.70	-3.49	+5.21	-0.07	-0.19	+1.69
	Kissengunge	-0.53	-0.35	+1.84	-0.81	-1.85	+1.24	-8.33	-0.77	+6.73	+4.12	-0.05	-0.15	+4.09
	Arrariah	-0.32	-0.73	+1.34	-0.66	-2.98	+6.78	-7.72	-2.91	+4.73	+0.78	-0.04	-0.09	+4.28
SOUTHERN PRAGUN- NAGH	Nya Doomka	-0.60	-0.94	+2.35	-0.48	+1.91	-1.37	+9.92	-4.27	-2.38	+2.86	-0.19	-0.19	+0.64
	Rajmehal	-0.12	-0.65	+0.68	+1.45	+0.85	-2.53	-3.02	-0.62	-0.75	+5.67	-0.32	-0.03	+0.61
	Deoghur	-0.39	-0.86	+1.18	-0.03	+0.75	+0.70	+8.86	-4.13	-4.45	-3.95	-0.13	-0.16	-2.64
	Jamtara	-0.22	-0.58	+0.89	-0.80	-1.16	-2.69	+6.74	-0.77	-0.11	+0.32	-0.37	-0.03	+0.86
	Pakour	-0.30	-1.28	+0.78	-0.04	+2.28	-1.78	-0.19	+4.70	+0.11	+2.75	-0.13	0	-1.21
CUTTACK	Gouda	-0.25	-0.89	+1.28	+0.19	+2.26	+0.75	+0.54	+0.25	+1.29	+3.83	-0.08	-0.09	+12.08
	Cuttack	-0.43	-0.48	+1.25	-0.93	-1.66	+7.06	+1.86	-1.34	+1.80	-3.62	-0.47	-0.30	+2.74
	Jajpore	-0.33	-1.11	+1.74	-0.49	-1.81	+0.21	+5.59	-0.46	-1.48	-1.86	-0.44	-0.73	-1.17
	Kendrapara	-0.52	-0.52	+0.43	+2.66	-0.03	+6.95	+1.46	+2.54	+3.71	+0.13	-0.92	-0.36	+15.53
	Jagatsingapore	-0.28	-0.40	+1.78	-0.17	?	+7.82	-3.35	-0.05	-3.22	-1.45	+0.19	+2.26	-18.45
POORNA	False Point	-0.44	-0.77	+2.36	-1.91	-0.45	-2.29	-2.01	+2.24	-2.77	-9.78	-2.40	-0.23	-18.45
	Pooree	-0.26	-1.01	+0.25	-1.10	+1.40	+3.41	+3.67	-2.81	-3.58	-3.91	-1.84	-0.63	-6.41
	Khurdah	-0.36	-0.59	+2.67	-0.79	-0.31	-1.66	-4.37	-0.21	-0.93	+3.37	-1.60	-0.09	-4.87
BALASORE	Balasore	-0.82	-1.02	+4.24	-2.14	+1.97	-1.39	+10.19	-1.31	+2.18	+2.32	-1.25	+0.09	+13.06
	Bhuddruck	-0.37	-1.35	+4.18	+1.08	-1.49	+4.27	+16.57	+1.63	+0.47	+1.23	-0.99	+2.22	+27.43
	Jellalore	+1.02	-0.92	+0.02	-0.77	+1.74	+1.77	+7.74	-4.77	-0.22	+2.74	-0.60	+0.14	+7.89
	Sorah	-0.06	-0.73	+0.56	0	+0.12	-0.65	+2.41	+0.24	-5.69	+3.10	-0.72	+0.01	-1.41
	Chandbally	-0.34	-1.15	+1.06	-0.04	-2.15	+0.11	+9.60	-4.69	-1.95	-2.82	-1.66	+0.21	-3.82
HAZARIBAGH	Barepudda	+0.79	-0.26	+2.00	+0.12	-0.06	+6.39	+5.88	+2.51	-5.84	+0.46	-0.10	+0.22	+12.09
	Hazaribagh	-0.23	-0.72	+1.38	-0.36	+1.32	-0.12	+0.43	+2.17	-1.47	-0.83	-0.33	-0.13	+1.11
	Pachamba	-0.39	-0.92	+0.98	-0.80	-0.57	+2.88	-0.07	-2.54	-2.07	-3.19	-0.22	-0.15	-7.06
	Seetagurh	+0.01	-0.63	+1.50	0	-1.35	-0.80	+2.89	-0.15	+0.74	-0.29	-0.27	-0.08	+1.79
	Mowdie Hills	+0.27	-1.09	+1.04	0	-0.48	+4.78	?	?	-2.58	-0.30	-0.46	0	+1.18
LOHARDUGGA	Banchee	-0.83	-0.77	+1.23	-0.54	-1.36	+2.82	+6.17	+4.85	-3.72	-2.09	+0.80	-0.14	+6.42
	Palamow	-0.39	-0.49	+1.59	-0.41	-0.23	+1.21	+0.98	+5.19	-5.68	+4.63	-0.18	-0.27	+6.95
SINGHOOM	Chybassa	-0.54	-1.07	+1.28	-0.78	-0.07	-0.83	+11.76	+6.97	-0.89	-2.40	-0.21	-0.23	+12.99
MANERMOOM	Parulia	-0.42	-0.97	+0.55	-0.78	+0.20	+0.82	+5.68	+6.23	-2.44	+1.31	+0.14	-0.17	+9.95
	Gobindpore	-0.59	-1.29	+0.84	-0.75	-1.35	-3.61	-1.15	-5.12	-3.49	-2.27	-0.05	-0.17	-18.50

METEOROLOGICAL OFFICE;
 BENGAL,
 The 23rd February 1882.

ALEXANDER PEDLER,

Offg. Meteorological Reporter to the
 Government of Bengal.

Abstract of Observations as received in the Office of the Meteorological Reporter to the Government of Bengal during the month of January 1882.
N. B.—The Barometric data are reduced for temperature and not for height above sea-level.

STATIONS.	Height above sea-level.	BAROMETER.			RADIATION THERMOMETER.						TEMPERATURE OF AIR.						VAPOUR TENSION.			HUMIDITY.			RAIN-FALL.																															
		Mean.	MEAN OF		Range.	SUN.			GRASS.			Mean of max.	MEAN OF		Absolute range.	LOWEST MIN.	Mean.	From minima.		Mean.	From minima.		16 hours.	10 hours.	Number of days.	In inches.																												
			16 hours.	10 hours.		Above max. in shade.	Max.		Below min. in shade.	Min.			16 hours.	10 hours.				16 hours.	10 hours.		16 hours.	10 hours.																																
							Day.	O.																																														
Sibsagar	333	29.754	29.821	29.472	.149	120.5	49.2	14th	135.6	—	—	71.3	20.4	50.9	60.5	59.8	69.1	12th	76.6	31.1	2nd	45.5	.373	.481	.487	93	93	10	1.03																									
Dubai	118.11	.952	30.021	.896	.155	129.6	54.8	23rd	137.0	49.5	6.2	74.8	19.1	55.7	64.9	63.8	73.3	27th	79.1	29.4	10th	53.7	.425	.482	.438	95	81	54	2	0.25																								
Silchar	104.25	.952	.019	.884	.135	—	—	—	—	—	—	50.2	12.0	38.2	43.4	45.2	47.2	21st	58.5	24.1	6th	34.4	.193	.515	.458	94	71	49	0.22																									
Darjeeling	—	—	—	—	—	100.4	50.2	21st	133.7	—	—	77.5	27.5	50.0	64.3	65.5	75.5	25th	81.2	39.4	7th	43.8	.338	.443	.259	83	78	80	—	—																								
Purneah	135	.900	29.374	.841	.133	131.4	53.9	22nd	140.3	—	—	75.1	21.0	54.1	64.0	64.3	74.2	28th	78.9	28.5	8th	50.4	.325	.449	.435	93	68	43	—	—																								
Durghunge	166.32	.900	.957	.843	.124	119.2	44.1	26th	135.2	43.1	11.0	76.4	25.2	51.2	61.0	66.7	75.0	28th	82.1	36.9	8th	45.2	.325	.393	.383	86	60	44	—	—																								
Fatna	182.84	.891	.860	.881	.129	123.9	47.5	31st	129.0	47.2	4.9	79.2	26.7	52.5	63.8	73.2	75.7	31st	86.3	41.0	9th	45.3	.293	.323	.323	76	41	37	—	—																								
Gya	375	.711	.775	.662	.113	115.3	39.1	25th	126.4	43.1	9.4	76.2	23.9	52.3	61.2	63.0	74.7	3rd	87.1	41.1	8th	48.0	.373	.275	.248	63	39	23	1.04	0.04																								
Hazariabagh	2007.12	28.006	28.067	27.957	.110	132.8	56.6	5th	139.6	—	—	73.2	23.9	52.3	61.2	63.0	74.7	3rd	87.1	41.1	8th	48.0	.373	.275	.248	63	39	23	1.04	0.04																								
Bechampore	66.45	29.982	30.096	29.925	.141	139.3	67.9	12th	145.2	42.7	11.5	81.4	27.2	54.2	67.2	71.6	79.1	31st	87.4	34.3	3rd	52.3	.406	.411	.401	90	55	39	—	—																								
Burdwan	99.09	.951	.938	.891	.145	139.3	53.3	12th	149.2	45.4	10.8	80.1	24.5	56.4	67.7	72.0	77.8	29th	86.5	35.7	3rd	50.8	.436	.523	.454	91	65	40	—	—																								
Jessore	33.3	30.008	.988	.953	.135	136.5	55.6	12th	142.8	45.1	11.3	80.3	21.5	58.8	69.7	72.3	78.7	27th	81.6	31.8	8th	52.8	.456	.560	.490	91	71	59	3	0.53																								
Dacca	35	.913	.980	.954	.126	138.1	57.8	11, & 12th	147.1	49.9	8.9	78.9	20.3	58.7	68.6	70.2	75.8	11th	82.7	29.2	8th	53.5	.459	.575	.524	92	78	59	2	0.19																								
Chittagong	56.7	29.972	.932	.913	.119	140.7	61.8	11th	159.2	—	—	71.0	15.5	55.5	62.3	65.4	69.2	14th	74.9	24.8	25, & 26th	50.1	.433	.437	.407	93	65	43	2	0.13																								
Demagiri	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																								
Calcutta (A. H. pors.)	21.38	30.639	.107	.970	.137	134.3	55.1	11th	144.2	48.8	7.9	79.2	22.5	56.7	67.3	71.1	78.1	27th	85.5	32.6	9th	51.9	.483	.437	.407	73	65	43	2	0.13																								
Saugor Island	25.5	.053	.009	.971	.128	137.9	58.9	28th	145.7	53.1	8.9	79.0	17.0	62.0	69.4	71.7	75.1	27th	84.9	3.2	8th	54.7	.500	.587	.580	89	75	66	—	—																								
Cuttack	30	29.976	.046	.907	.139	144.4	58.3	29th	159.8	50.0	10.4	83.1	25.7	60.4	73.1	75.3	84.3	29th	95.6	40.7	10th	51.9	.433	.441	.441	93	56	38	1	0.03																								
False Point	17.44	30.032	.111	.977	.134	141.0	59.2	5th	151.3	53.9	6.2	81.8	21.7	60.1	68.6	74.3	77.2	31st	90.9	35.0	9th	52.9	.602	.606	.606	71	65	—	—	—																								
Fort Blair	61.16	29.934	29.886	.881	.105	137.6	50.1	15th	142.8	—	—	87.4	11.4	76.0	80.5	83.5	85.9	28th	90.0	20.1	16th	69.9	.726	.910	.824	81	79	68	3	0.21																								
Vizagapatam...	31	29.903	29.961	.852	.109	111.9	28.7	2nd	121.5	66.7	10.4	57.9	8.29	57.1	77.1	80.3	80.5	82.0	2nd	85.5	13.0	30th	72.5	.653	.654	.654	51	61	60	6	4.80																							
Vizagapatam... Demagiri	31	.992	30.056	.938	.118	106.0	27.7	21st	111.0	58.4	11.4	78.0	8.2	69.8	74.8	75.2	77.2	11th	80.2	18.2	4th	62.0	.523	.509	.529	46	53	57	1	0.10																								

CALCUTTA (ALIPORE).
Mean barometric pressure of 24 years ... 30.014 | Mean temperature of 24 years ... 67.7 | Mean rainfall of 43 years ... 0.43
Ditto ditto of 1882 ... 30.039 | Ditto ditto of 1882 ... 67.3 | Actual fall in 1882 ... 0.13
Excess in 1882025 | Defect in 18822 | Defect in 1883 ... 0.30

ALEXANDER PEDLER,
Meteorological Reporter to the Govt. of Bengal.
The 25th February 1882.

Mean Pressures and Temperatures of the preceding Table reduced to sea-level, with Anemometric Result and Cloud Observations.

Stations.	Mean barometric pressure reduced to sea-level.	Mean temperature reduced to sea-level.	WIND.										Percentage and resultant.	Mean velocity daily.	Mean clouds.
			North.	North-east.	East.	South-east.	South.	South-west.	West.	North-west.	Variable.	Calm.			
Sibsagar ...	30.106	61.2	3	35	6	4	4	4	1	4		1	55 N 52° E	51.4	4.68
Dumri ...	.077	65.2		19	13	1		3		1		25	43 N 65° E	71.2	1.18
Silchar ...	.063	67.1	1	2	16	13	2	16	9	3			30 S 13° E	52.5	2.94
Darjeeling ...															
Purneah ...	30.033	64.6	5		3	1	3	1	41	8			71 N 82° W	27.7	0.68
Durbhunga ...	.077	64.4		2	11	1	5	24	14	5			45 S 50° W	29.6	0.48
Patna ...	.085	64.4			4	2	6	13	28	8		1	63 S 74° W	68.6	1.61
Gya ...	.109	67.6	8	3	1	1	3	3	9	11		23	34 N 43° W	36.8	1.48
Hazaribagh ...	.084	68.7	11		2	3	6	5	8	25		2	49 N 56° W	134.1	0.58
Berhampore ...	.052	67.3						4	16	17		12	61 N 54° W	46.2	1.32
Burdwan ...	.055	67.8	21	4	7	1	2	4	10	11		2	45 N 21° W	37.7	1.00
Jessore ...	.043	67.8	9	2	1	4	1	1	19	17		8	52 N 56° W	37.4	1.50
Dacca ...	.050	69.8	3	5	1	2	11	13	13	3		11	36 S 55° W	47.9	1.69
Chittagong ...	.065	68.8	3	19	6	2	2	4	18	6		2	24 N 16° W	53.6	1.93
Demagiri ...				4			10	6	8	0			36 N 83° W		0.29
Calcutta (Alipore) ...	30.025	67.3	26	10			1	1	23	17		4	44 N 55° W	53.2	2.42
Saugur Island ...	.053	69.5	32	12	6	3	28	21	9	8		4	11 N 85° W	147.3	1.38
Cuttack ...	.060	73.3	1	13	2			4	1	3		38	17 N 29° E	9.4	1.34
False Point ...	.060	68.6	6	9	12	6	8	8	3	8			14 N 89° E	179.1	2.05
Port Blair ...	29.997	80.6	9	39	6	7				1			80 N 49° E	177.2	2.66
November 1881.															
Vizagapatam ...	29.935	80.4	4	15	56	20	10	1	8	6			57 S 85° E	45.2	3.49
December 1881.															
Vizagapatam ...	30.024	74.9	4	21	82	13	2			2			85 N 85° E	40.6	2.22
Demagiri ...			1	5		5	3	17	12	19			49 N 89° W		0.53

NOTE.

Barometric Pressure.—The pressures in column 2 of the above table for all stations below 500 feet are reduced from those given in column 3 of the table on the previous page, by adding the weight of a column of air of the temperatures given in column 18. For stations above 500 feet elevation the reduction is made by Captain Allan Cunningham's table, "Prof., Papers on Indian Engineering, No. CXIII." The temperatures at the sea-level are taken from column 3 of the above table.

Temperature.—The temperatures in column 3 are reduced from those in column 18 on the preceding page, by adding 1° Fahrenheit for every 450 feet.

Wind Resultant.—The resultant wind direction and its comparative predominance are calculated from the whole number of wind observations recorded during the month. The relative predominance in the direction of the resultant is given as a percentage of the whole number of observations. The direction is computed in the usual way by Lambert's formula.

Cloud.—This column gives the average proportion of clouded sky, a cloudless sky being indicated by 0, and one completely overcast by 1.0.

The above, being all comparable, afford the data for constructing a meteorological chart for the month, which will show the isobaric and isothermal lines and the resultant wind directions, which last may be represented by arrows of varying length, proportioned to the prevalence of the wind. To these may be added the rainfall from the previous tables.

ALEXANDER PEDLER,

METEOROLOGICAL OFFICE, BENGAL,
The 25th February 1882.

Offg. Meteorological Reporter to the Govt. of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 19th to 25th February 1882.

MONTH.	Date.	TEMPERATURE.				HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.	Vapour tension.	Dew point.	Humidity.	
1882.		°	°	°	°	Inches.	°	%	Inches.
February	19th ...	70.1	80.8	10.9	60.9	.306	45.5	42	...
"	20th ...	71.2	83.6	12.4	59.7	.427	54.6	56	...
"	21st ...	72.9	84.8	11.9	62.9	.555	61.9	68	...
"	22nd ...	72.0	84.0	12.0	61.1	.347	48.9	45	...
"	23rd ...	72.9	83.8	10.9	61.9	.489	58.3	61	...
"	24th ...	74.8	87.0	12.2	65.1	.599	61.1	63	...
"	25th ...	69.8	85.8	16.0	62.4	.490	58.4	66	0.21

The mean temperature of the seven days 72.0
The extreme variation of temperature during the seven days 27.3
The maximum temperature during the seven days 87.0

The mean relative humidity during the seven days 57
Inches.
The total fall of rain from 19th to 25th February 1882 0.21

The mean temperature is obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

The means of the hygrometric elements are the crude means of the values derived from the three readings of the instruments.

METEOROLOGICAL OFFICE, INDIA,
The 27th February 1882.

JOHN ELIOT,
Offg. Meteorological Reporter to the Govt. of India.

Report of Fluctuation of Traffic on the Eastern Bengal Railway for the
four weeks ending 24th December 1881.

EASTERN BENGAL RAILWAY COMPANY, TRAFFIC SUPERINTENDENT'S OFFICE, SEALDAH TERMINUS.

Dated Calcutta, the 13th February 1882.

From—W. INNES, Esq., Traffic Superintendent, E. B. Railway.

To—The Agent, Eastern Bengal Railway Company.

FROM the attached report of traffic for the four weeks ending the 24th December 1881, it will be seen that 11,15,416 maunds of goods were carried over this Railway during that period, and comparing this quantity with that carried during the corresponding period of 1880, an increase of 4,08,068 maunds is shown.

This increase is due chiefly to the heavy traffic in jute, cotton, gunny, salt and miscellaneous goods.

Increases.

• Jute, drums of	...	...	...	...	Mds.	2,21,861
Do, bales of	...	...	...	...	Do.	53,659
The increase under this head is due to large imports.						
Cotton, bundles of	...	...	...	...	Mds.	3,387
This is due to increased imports.						
Gunny, bundles of	...	...	...	...	Mds.	12,049
Do., bales of	...	...	...	...	Do.	2,330
The increase under this heading is due to an active demand.						
Salt	...	...	...	...	Mds.	18,330
This increase is due to the active state of the market for the first fortnight.						
Hides	...	...	...	...	Mds.	7,847
This is due to a steady demand.						
Miscellaneous goods	...	...	...	...	Mds.	1,39,664
The large increases under this head still continue, and are due to the increased facilities for conveyance.						

Decreases.

Grain, including rice	...	...	...	...	Mds.	28,464
The decrease is due to there being no demand, the arrivals of new stock being confined to second quality at low prices.						
Piece-goods, European	...	...	...	...	Mds.	5,722
The decrease is due to the demands being small.						
Railway materials (Foreign)	...	...	...	...	Mds.	2,720
The decrease is due to the work of construction having been completed on the Darjeeling Himalayan Railway.						
Seeds	...	...	...	...	Mds.	13,277
The decrease is accounted for owing to a steady fall in prices with no exports.						
Sugar	...	...	...	...	Mds.	3,668
The decrease is due to a dullness in the state of the market.						
Twist, European	...	...	...	...	Mds.	1,029
The decrease is due to the market being dull, the prices prevailing being low.						

EASTERN BENGAL RAILWAY.

Statement showing Increases and Decreases in Maundage of Staples carried over this Line for the four weeks ending 24th December 1881, as compared with that of the corresponding period of 1880.

DESCRIPTION OF GOODS.	Down.	Down.	Up.	Up.	Total.	Total.	Increase.	Decrease.
	1880.	1881.	1880.	1881.	1880.	1881.		
Ale, beer, wine, &c.		56	1,322	1,316	1,322	1,372	50	
Cotton, bundles of	1,311	4,406	89	381	1,400	4,787	3,387	
Do., bales of			46		46			46
Grain, including rice	74,722	45,013	2,016	3,261	76,738	48,274		28,464
Gunny, bundles of	9,116	28,677	9,540	2,028	18,656	30,705	12,049	
Do., bales of	7,412	9,807	65		7,477	9,807	2,330	
Hides, bundles of	12,146	20,907	35	21	12,181	20,028	7,847	
Do., bales of								
Jute, drums of	2,54,886	4,76,665	1,824	1,506	2,56,210	4,78,071	2,21,861	
Do., bales of	43,801	97,460			43,801	97,460	53,659	
Piece-goods, European	501	99	35,671	30,351	36,172	30,450		6,722
Do., Indian	124	107		463	124	570	446	
Railway material, Foreign			2,720		2,720			2,720
Salt			50,778	69,108	50,778	69,108	18,330	
Seeds	25,731	6,627	2,175	8,002	27,906	14,629		13,277
Sugar	263	937	8,448	4,606	9,211	5,543		3,668
Tea, European								
Do., Indian	19,449	20,177		6	19,449	20,183	734	
Tobacco, bundles of	12,606	15,273	490	914	13,096	16,187	3,091	
Do., bales of								
Turmeric	200	34	10	42	210	76		134
Twist, European		77	3,396	2,290	3,396	2,367		1,029
Do., Indian	621	145		156	621	301		320
Miscellaneous goods	22,690	1,03,320	1,03,144	1,62,178	1,25,834	2,65,498	1,39,664	
Total	4,85,079	8,28,787	2,22,269	2,56,629	7,07,348	11,15,416	4,08,068	55,380
Increase						4,08,068	4,08,068	

Report of Fluctuation of Traffic on the Tirhoot State Railway for the month of January 1882.

THE total quantity of goods carried during the month of January 1882 aggregated 2,30,950 maunds, as compared with 2,11,331 maunds carried during the corresponding period of 1881, and 3,35,220 maunds carried during the previous month, showing an increase of 19,629 maunds in the one case, and a decrease of 1,04,260 maunds in the other.

Of the several increases and decreases the following are the most prominent ones and worthy of separate explanations:—

INCREASES.		Mds.
Coal.—This was a portion of Messrs Burn & Co.'s coal for construction purposes	...	6,191
Food-grains.—There has been a rapid fall during the last year, but as the prospect of (rubbee) wheat crop is not so promising throughout the districts for want of sufficient rain, this traffic will gradually improve according to the demand in foreign markets, which is increasing daily	...	4,882
Ghee.—This staple is transported by boats to Calcutta market, and the Railway is only availed of when quick supply is necessary	...	1,220
Iron.—This fluctuates according to the requirements of engineering works in the districts	...	1,685
Lime and kunkur.—Several contractors have started business, and this traffic may be expected to show a large increase this year	...	6,992
Railway materials.—Due to the construction of the two extensions of Tirhoot State Railway	...	24,402
Seeds, indigo.—The total quantity carried during the month proves satisfactory as compared with last year. This is due to the reduced indigo seeds rates	...	9,383
Sundries.—This item is composed of articles not classified in this statement, and hence it cannot be explained in detail	...	19,290
Tobacco.—This is what merchants have stored up with the hope of fetching higher prices at the end of the season	...	3,564

DECREASES.		
Indigo.—The outturn of indigo this year was not as large as in previous year, and the despatch was finished earlier	...	9,237
Piece-goods, English.—The large increase in the last month stocked the market, and hence the import this month has decreased	...	5,948
Salt.—Not required at present, the quantity in stock has not nearly been exhausted	...	21,031
Seeds, oil.—This will shortly increase. The new crop is being harvested and the decrease is no more than was expected	...	11,085

TIRHOOT STATE RAILWAY.

TRAFFIC DEPARTMENT.

Statement showing Increases and Decreases in Maundage of Principal Staples carried over the Line during the month of January 1882, as compared with the corresponding period of 1881.

STAPLES.	1882.		1881.		Total.		Increases.	Decreases.
	Up.	Down.	Up.	Down.	1882.	1881.		
Alc, spirits, and wine	556	13	838	30	569	868	...	299
Betel-nuts	983	...	1,777	35	983	1,812	...	829
Brass, bell-metal, and copperware	257	82	813	315	339	1,128	...	789
Bullion or specie	...	71	65	203	71	258	...	187
Chillies	8	495	304	273	503	637	...	134
Coal	25,448	720	16,860	3,117	26,168	19,977	6,191	...
Cotton	293	...	580	125	293	705	...	412
Food-grains	4,680	39,353	12,360	26,791	44,033	39,151	4,882	...
Fruits, fresh	4	24	340	39	28	379	...	851
Do., dry	105	...	153	23	109	178	...	89
Garlic or lussoon	...	...	9	671	...	680	...	680
Ghee	...	1,546	41	285	1,546	326	1,220	...
Ginger	...	467	27	1,096	467	1,123	...	656
Gunny-bags, empty	776	371	1,252	319	1,147	1,671	...	424
Hides and horns	15	4,688	1,110	5,180	4,703	6,290	...	1,587
Indigo	...	2,213	1,258	10,192	2,213	11,450	...	9,237
Iron	3,440	283	1,864	174	3,723	2,058	1,665	...
Jagri	30	15	626	6	45	632	...	587
Lime and kunkur	10,896	107	3,919	62	10,973	3,981	6,992	...
Luggage	9	44	153	126	53	279	...	226
Oil	1,114	149	669	184	1,263	855	408	...
Oil-cakes	...	532	169	1,955	532	2,115	...	1,583
Oilman's stores	156	...	131	21	156	152	4	...
Opium	...	...	...	...	...	...	...	...
Piece-goods, English	8,329	47	12,158	2,166	8,376	14,324	...	5,948
Do., country	68	1,132	1,236	449	1,300	1,685	...	485
Potatoes	1,132	111	2,512	208	1,243	2,720	...	1,477
Railway materials	21,037	3,365	...	...	24,402	...	24,402	...
Salt	13,089	1,707	39,883	1,944	14,796	35,827	...	21,031
Saltpetre	...	6,292	987	4,928	6,292	5,915	377	...
Seeds, oil	52	7,495	59	18,573	7,547	18,632	...	11,085
Do., indigo	32,108	...	22,663	62	32,108	22,725	9,383	...
Do., other than food-grains	2	...	392	114	2	416	...	414
Spices	60	...	88	17	60	105	...	45
Stones, stone-ballast and wares	1,471	2	1,632	440	1,473	1,672	...	199
Sugar	100	384	574	154	484	728	...	244
Sundries	15,093	8,452	2,149	2,106	23,545	4,255	19,290	...
Timber	280	3,449	147	2,428	3,729	2,675	1,054	...
Tobacco	268	5,504	274	1,934	5,772	2,208	3,564	...
Turmeric	3	1	3	956	4	959	...	955
Total	1,41,832	89,118	1,24,028	87,303	2,30,950	2,11,331	79,552	59,933
Increase	...	...	...	...	19,619	...	...	...

SOMARTIPUR, the 9th February 1882.

A. W. U. POPE, Offg. Traffic Superintendent.

Report of Fluctuation of Traffic on the Patna-Gya State Railway for the month of January 1882.

THE total quantity of goods carried during the month of January 1882 aggregated 1,47,288 maunds, as compared with 1,53,871 maunds carried during the corresponding period of 1881, and 1,85,524 maunds carried during the previous month, showing a decrease of 6,583 maunds in one case, and 38,236 maunds in the other.

Of the several increases and decreases, the following are the most prominent ones and worthy of separate explanations:—

INCREASES.

	Mds.
Coal.—Increase under this head is due to engineering works in course of construction in the district	1,965
Jaggree.—The business done during the month, as compared with corresponding period of the last two years, proves a most satisfactory result, and will, it is expected, continue so throughout the year	41,139
Stone, stone-ballast and wares.—The remark against coal applies to this also	1,685
Sundries.—Increase is steady and satisfactory	15,196

DECREASES.

Cotton.—Owing to there being no demand in the market, as the cold season is now at an end	2,109
Food-grains.—Previous month's remarks are applicable to these also. This traffic ought to improve this year, as in several markets the supply is owing to the want of rain	29,229
Seeds, oil.—fallen short of the demand	7,538
Salt.—Sufficient quantity was imported during the last month to stock the market, and hence this decrease	4,825
Tobacco.—There is nothing left of the old stock, and hence the decrease	2,348
Other decreases are nominal and not worthy of detailed explanations.	

PATNA-GYA STATE RAILWAY.

TRAFFIC DEPARTMENT.

Statement showing Increases and Decreases in Maundage of Principal Staples carried over the Line during the month of January 1882, as compared with the corresponding period of 1881.

STAPLES.	1882.		1881.		Total.		Increases.	Decreases.
	Up.	Down.	Up.	Down.	1882.	1881.		
Ale, spirits, and wine...	107	.....	965	243	107	1,208	.....	1,101
Betel-nuts	59	.....	797	531	59	1,328	.....	1,269
Brass, bell-metal, and copperware	185	3	532	420	188	952	.....	764
Bullion or specie	.....	.....	365	217	.....	582	.....	582
Chillies	1,640	.....	314	973	1,640	1,287	353	.....
Coal	11,042	.....	7,681	1,396	11,042	9,077	1,965	.....
Cotton	906	1,077	3,116	976	1,983	4,092	.....	2,109
Food-grains	4,304	13,399	4,219	42,713	17,703	46,932	.....	29,229
Fruits, fresh	5	.....	86	35	5	121	.....	116
Do., dry	83	.....	619	211	83	830	.....	747
Garlic or lussoon	6	.....	516	326	6	842	.....	836
Ghee	.....	125	710	978	125	1,688	.....	1,563
Ginger	92	.....	605	169	92	774	.....	682
Gunny-bags, empty	624	266	2,116	486	890	2,602	.....	1,712
Hides and horns	.....	1,510	186	1,648	1,510	1,834	.....	324
Indigo	.....	32	113	6	32	119	.....	87
Iron	676	631	1,648	389	1,307	8,037	.....	730
Jaggree	271	63,739	1,766	21,135	64,040	22,901	41,139	.....
Lime and kunkur	3	7	858	615	10	1,473	.....	1,463
Luggage	45	1	480	732	46	1,212	.....	1,166
Oil	161	.....	314	79	161	393	.....	232
Oil-cakes	.....	.....	460	655	.....	1,115	.....	1,115
Oilman's stores	9	.....	211	87	9	298	.....	289
Opium	.....	.....	.....	.....	.....	.....	.....	.....
Piece-goods (English)	1,620	.....	2,372	884	1,620	3,256	.....	1,636
Do. (country)	148	42	431	340	190	771	.....	581
Potatoes	114	.....	912	291	114	1,203	.....	1,089
Railway materials	.....	.....	.....	.....	.....	.....	.....	.....
Salt	10,543	26	15,210	184	10,569	15,394	.....	4,825
Saltpetre	.....	1,185	.....	526	1,185	596	659	.....
Seeds, oil	7	4,040	1,211	10,374	4,047	11,583	.....	7,538
Do., indigo	18	.....	.....	.....	18	.....	18	.....
Do., other than food-grains	160	34	841	1,113	194	1,954	.....	1,760
Spices	118	.....	360	171	118	531	.....	413
Stones, stone-ballast, and wares	1,063	1,512	625	205	2,515	830	1,685	.....
Sugar	101	755	174	44	836	218	638	.....
Sundries	4,525	15,699	2,532	2,676	26,224	5,628	15,196	.....
Timber	115	.....	1,315	761	115	2,076	.....	1,961
Tobacco	2,234	117	3,617	1,082	2,351	4,699	.....	2,348
Turneric	514	1,620	1,241	862	2,134	2,103	31	.....
Total	41,438	1,05,850	59,338	94,533	1,47,288	1,53,871	6,583	63,307
Decrease	.....	.....	.....	.....	.....	6,583	.....	.....

SOMASTIPUR, the 10th February 1882.

A. W. U. POPE, Offg. Traffic Superintendent.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 18th February 1882, on 1,504½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	185,640	Rs. A. P. 2,70,880 15 0	Mds. s. 24,65,444 30	Rs. A. P. 7,25,973 4 0	Rs. A. P. 19,768 3 0	Rs. A. P. 10,16,122 6 0	54,779½	126,863½	181,643
Or per mile of railway	.....	179 11 11	.....	482 9 10	13 2 3	675 8 0	.....	.....	.....
For previous 5 weeks of half-year	1,498,842	26,55,140 9 0	1,36,41,783 20	43,38,977 10 6	1,12,024 3 3	71,06,142 6 9	336,426½	756,722	1,093,148½
Total for 6 weeks	1,684,482	29,25,521 8 0	1,61,07,228 10	50,64,950 14 6	1,31,792 6 3	81,22,264 12 9	391,206½	883,585½	1,274,792
COMPARISON.									
Total for corresponding week of previous year	162,965½	2,42,336 9 10	20,25,595 20	7,01,665 14 9	7,406 5 6	9,51,908 14 1	47,442	119,714	167,156
Per mile of railway corresponding week of previous year	.....	161 6 11	.....	466 7 4	4 14 9	632 13 0	.....	.....	.....
Total to corresponding date of previous year	1,144,423½	18,03,278 9 5	1,43,89,057 30	49,53,258 0 4	1,26,899 2 11	68,83,435 12 8	353,879	843,528	1,197,407

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 18th February 1882, on 171½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	40,152	Rs. A. P. 31,851 0 0	Mds. s. 2,29,190 0	Rs. A. P. 44,040 0 0*	Rs. A. P. 2,092 0 0	Rs. A. P. 77,983 0 0	6,070½	6,625	12,695½
Or per mile of railway	234	185 7 2	1,334 18	256 6 8	12 2 11	454 0 9	.....	.....	.....
For previous 6 weeks of half-year	295,758	1,91,820 0 0	15,87,199 0	2,82,565 0 0	848 0 0	4,75,233 0 0	35,756	45,815½	81,571½
Total for 7 weeks	335,910	2,23,671 0 0	18,16,389 0	3,26,905 0 0	2,940 0 0	5,53,216 0 0	41,826½	52,440½	94,267
COMPARISON.									
Total for corresponding week of previous year	45,853½	35,192 0 0	1,99,534 0	35,499 0 0	521 0 0	71,212 0 0	5,734½	6,220½	11,955
Per mile of railway corresponding week of previous year	251	201 6 2	1,141 33	203 2 3	2 15 9	407 8 2	.....	.....	.....
Total to corresponding date of previous year	313,925	2,28,483 0 0	15,45,781 0	2,98,488 0 0	1,476 0 0	5,28,447 0 0	41,261½	49,317½	90,579

* Rs. 72 included on account carriage of Revenue stores.

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts.

Latest return received.	Name of Railway.	Length open.	RECEIPTS FOR		TOTAL RECEIPTS FROM 1ST JANUARY		Total increase in 1882.	Total decrease in 1882.	Percentage increase or decrease.
			First 8 days of January 1881.	Week ending 7th January 1882.	To 8th January 1881.	To 7th January 1882.			
1882.		Miles.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	
14th January	Northern Bengal	230	22,667 0 0	24,925 0 0	22,667 0 0	24,925 0 0	2,258 0 0	.....
21st ditto	Tirhoot	82	9,963 0 0	9,336 0 0	9,963 0 0	9,336 0 0	.....	627 0 0	
21st ditto	Patna-Gya	57	12,504 0 0	10,354 0 0	12,504 0 0	10,354 0 0	.....	2,150 0 0	
21st ditto	Calcutta and South-Eastern	28	2,685 0 0	2,490 0 0	2,685 0 0	2,490 0 0	.....	195 0 0	
21st ditto	Nalhati	27½	1,604 0 0	1,345 0 0	1,604 0 0	1,345 0 0	.....	259 0 0	
	Total	424½	49,423 0 0	48,450 0 0	49,423 0 0	48,450 0 0	.....	973 0 0	

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts.

No. 2

Latest return received.	Name of Railway.	Length open.	RECEIPTS FOR WEEK ENDING		TOTAL RECEIPTS FROM 1ST JANUARY		Total increase in 1882.	Total decrease in 1882.	Percentage of increase or decrease.
			15th Jan. 1881.	14th Jan. 1882.	To 15th Jan. 1881.	To 14th Jan. 1882.			
1882.		Miles.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
14th January	Northern Bengal	230	35,948 0 0	42,822 0 0	56,615 0 0	67,747 0 0	11,132 0 0	.....
21st ditto	Tirhoot	82	9,051 0 0	11,644 0 0	19,014 0 0	20,980 0 0	1,966 0 0	.....
21st ditto	Patna-Gya	57	7,872 0 0	9,367 0 0	20,376 0 0	19,721 0 0	.....	655 0 0	
21st ditto	Calcutta and South-Eastern	28	2,283 0 0	2,786 0 0	4,923 0 0	5,276 0 0	.....	.....
21st ditto	Nalhati	27½	1,026 0 0	1,450 0 0	2,630 0 0	2,793 0 0	163 0 0	.....
	Total	424½	54,135 0 0	68,689 0 0	1,03,558 0 0	1,16,519 0 0	12,961 0 0	.....

DARJEELING HIMALAYAN RAILWAY COMPANY LIMITED.

Weekly Statement of Traffic Receipts.

The latest return received.	Length open.	RECEIPTS FOR WEEK ENDING		TOTAL RECEIPTS FROM 1ST JANUARY.		Total increase in 1882.	Total decrease in 1882.
		22nd January 1881.	21st January 1882.	22nd January 1881.	21st January 1882.		
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
21st January 1882	50	1,698 7 1	5,185 9 0	7,015 6 9*	11,013 12 0	3,998 5 3	.....

* Length open, 39 miles.

Calcutta, the 27th February 1882.

GILLANDERS, ARBUTHNOT & Co., Secretaries

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SUPPLEMENT TO The Calcutta Gazette.

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OFFICIAL PAPERS.

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Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 4th March 1882.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
1	Burdwan, Mar. 7 '82 Culna	Nil 0.79	Weather—warm during the day, but cool at night. <i>Rabbee</i> crops are being harvested. Rice sells at from 25 to 30 seers per rupee. Cholera lingers in Culna and in three thanas of the Sudder division.
2	Bankoora, " 4 " Maliara	Nil 0.19	Weather—gradually getting warmer. Pressing of sugarcane is still going on all over the district, and a favourable outturn is expected. Prospects of other crops promising. General health fair.
3	Beerbhoom, " 4 "	0.24	Winter crops being reaped, but notwithstanding favourable weather the outturn will be less than usual on account of the prevalence of fever which lessened the energy of the cultivators. Public health is generally good, but there is a good deal of cholera as usual at this season.
4	Midnapore, " 4 "	Nil	Weather—seasonable. No crops in the field. Prices of food-grains low. Fever less prevalent.
5	Hooghly, " 4 "	Nil	Weather—getting warmer. Cloudy and sunny alternately throughout the week. Wind from south and south-east. Hardly any crops on the ground.
	Howrah, " 6 "	Nil	Hot weather has set in. Outturn of <i>khansari</i> below the average. Tobacco ripening. General health fair.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(concluded.)			
Central Districts.			
PRESIDENCY DIVN.	6 24-Pergunnahs, Mar. 6 '82	Nil	Weather—seasonable. Winter crops are being gathered. Prospects fair. Public health generally good. Cholera of a sporadic nature is reported from the Baraset sub-division.
	7 Nuddea, " 4 "	Nil	Weather—cloudy, with some rain, and warm. <i>Rubbee</i> crops are being harvested. The standing crops at Kooshtea somewhat injured by hail. Fever abating. Cholera spreading in Meherpore, Chooadanga, and parts of Bongong sub-division.
	Kooshtea " " "	0.87	
	Meherpore " " "	0.50	
	Chooadanga " " "	0.91	
	Ranaghat " " "	0.81	
	Bongong " " "	0.90	
	8 Jessore, " 4 "	Nil	Weather—warm, with foggy mornings. Spring sowings have commenced. Public health has much improved.
	Jhenida " " "	0.73	
Magoora " " "	0.73		
9 Moorshedabad, " 4 "	0.04	Weather—getting very warm. The late heavy rain and hail have done some mischief to the standing winter crops, and to the mango crop. Except a few cases of cholera here and there, the health of the district is generally good.	
RAJSHAHYE AND COOCH BEHAR DIVN.	10 Dinagepore, Mar. 3 '82	0.14	Weather—seasonable. Sugarcane is being cut, with a fair outturn. Lands are being prepared for the <i>bhadoi</i> rice. Price of rice stationary.
	11 Rajshahye, " 4 "	Nil	Weather—cloudy and windy, but no rain at head-quarters. Prospects of crops not unfavourable, but would be improved by rain where the crops are not yet ripe. Fever reported from all parts of district. Average price of rice 28 seers per rupee.
	Nattore " " "	0.16	
	12 Rungpore, " 3 "	0.39	Weather—occasionally cloudy, with thunderstorms. Crops are in good condition. Wheat, pulses, and sugarcane are doing well. Tobacco harvest proceeding.
	13 Bogra, " 4 "	0.11	Weather—slight rain on 25th and 26th ultimo. Sky clouded over on 1st and 2nd instant; fog on morning of 3rd; on 4th clear and hot, with west wind. More rain wanted for ploughing. Pulses, oil-seeds and millet in the field poor. Export of rice has begun. Public health good.
	14 Pubna, " 4 "	Nil	Weather—cloudy at times. Mornings foggy for the last two days. The heat during the daytime is great. The outturn of the winter crops is not good. Public health is good.
	15 Darjeeling " 4 "	Nil	Weather—seasonable. Standing crops in the Terai doing well. Lands being prepared in the hills. Public health good.
	16 Julpigoree, " 4 "	0.13	Weather—getting warmer, but still very pleasant. Prospects of all crops very good. A few cases of small-pox in the district.
	Cooch Behar, " 3 "	0.03	Weather—cloudy and windy on 25th and 26th ultimo. Prospects of tobacco and other standing cold-weather crops continue good. Early rice-fields being ploughed. Rice selling at Rs. 2 per maund. Public health good.
	Mathabhanga " " "	0.18	
	Mekligunge " " "	0.04	
Eastern Districts			
Dacca DIVN.	17 Dacca, Mar. 3 '82	0.85	Weather—getting warm. Prospects of winter crops continue good. Cutting of sugarcane completed. Mustard being gathered. Recent rain has done much good to the standing crops.
	Manickgunge (for week ending 1st Mar.)	0.40	
	Moonshigunge (for week ending 1st Mar.)	0.72	
	18 Furreeapore, " 4 "	Nil	Weather—seasonable. There were occasional north-westers. Prospects favourable as regards those crops which are still on the ground.
	Madaripore " " "	2.54	Weather—fine; much warmer. A sudden squall from the north-west on the evening of the 24th wrecked many boats. State and prospects of crops good. No change in prices. In Burrisaul and elsewhere there have been several deaths from small-pox, and fever seems to be on the increase.
19 Backergunge, " 2 "	0.10		
CHITTAGONG DIVN.	20 Mymensingh, " 3 "	Nil	Weather—dull and cloudy, with a threatening of rain. State and prospects of crops good.
	21 Chittagong, Mar. 7 '82	Nil	Weather—seasonable. Prospects and yield of crops good. Prices stationary. Small-pox still prevails. General health good.
	22 Noakholly, " 2 "	0.13	Weather—warmer during the day. State of crops fair. <i>Rubbee</i> crops being gathered.
	23 Tipperah, " 3 "	0.23	Weather—seasonable. State and prospects of crops good. Reports of sporadic cases of cholera are still received.
	Chandapore " " "	0.55	
	Brahmunberiah " " "	0.11	
24 Chittagong Hill Tracts, Feb. 28 "	0.37	Weather—seasonable. Very cold at night. <i>Sum</i> cutting still continues. Tobacco, chilli, and other cold-weather crops doing well.	
Hill Tipperah, Mar. 1 "	0.15	Weather—getting warm. Tobacco being reaped. Prospects of chillies fair. Public health good.	
BEHAR.			
PATNA DIVN.	25 Patna, Mar. 4 '82	Nil	Weather—seasonable. Prospects of crops continue favourable. Public health good.
	26 Gya, " 4 "	Nil	Weather—seasonable. Paddy still being threshed. <i>Rubbee</i> nearly ready for harvest. A little rainfall in places in the interior. A very few cases of fever.
	27 Shahabad, " 4 "	Nil	Weather—occasionally cloudy; days hot; mornings and evenings cool. There was drizzling rain at Arrah, but it was not sufficient to be registered. <i>Rubbee</i> crops being harvested; they have suffered from want of rain.
	28 Durbhunga, " 4 "	0.5	Weather—cool and cloudy. Harvest of tobacco and mustard in progress. <i>Rubbee</i> harvesting has commenced. Mango trees blossoming. Prices rising slightly. Small-pox has broken out in Modhoobunnee. Health of the head-quarters is good.
	29 Mozufferpore, " 4 "	0.06	Weather—fair. Prospects of <i>rubbee</i> crops continue favourable.
	30 Sarun, " 4 "	Nil	Weather—seasonable. Prospects of <i>rubbee</i> crops favourable. Poppy heads being tapped. General health good.
	31 Chumparun, " 4 "	0.02	Weather—seasonable; occasionally cloudy. Prospects of <i>rubbee</i> crops still good. Indigo sowing has commenced. Public health good.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.—(Continued.)			
BHAGULPORE DIVN.	32 Monghyr, Mar. 4 '82	Nil	Weather—getting warmer; high west winds alternating with cloudy days. <i>Rubbee</i> harvest has commenced; prospects generally good. Cholera reported to have appeared in Jamui. Small-pox is prevalent about Jamalpore.
	33 Bhagulpore, „ 4 „	Nil	Weather—hot; north-easterly winds till Saturday (4th), when westerly wind set in. Crops doing well. Reports of a few cases of cholera and small-pox received during the week from all thanas.
	34 Purneah, „ 4 „	0.03	Weather—hot during the day, cool at night; occasional north-westers. Crops improved by rain of 12th. Cholera spread in most thanas by pilgrims.
	35 Maidah, „ 4 „	Nil	Weather—has become warm. A quarter of the expected outturn of the <i>rubbee</i> crops in thana Shibgunge has been lost for want of rain. In all other places prospects continue, as before, fair. General health good.
	36 South Perghs., „ 4 „ Deoghur „ „	Nil 0.16	Weather—hot, with east winds. Crops all good. There is still some cholera.
ORISSA.			
ORISSA DIVN.	37 Cuttack, M 3 '82	Nil	Weather—warm. <i>Dalua</i> rice doing well in irrigated tracts. Rain much wanted. Outturn of <i>rubbee</i> may be estimated at 12 annas. Common rice sells at 32 seers per rupee. Public health good.
	38 Pooree, „ 2 „ Khoorda „ „	Nil 0.15	Weather—seasonable. In some places land is being ploughed for the <i>sarad</i> crop. <i>Dalua</i> rice and miscellaneous crops promise well. Common rice sells at from 27 to 40 Calcutta seers per rupee. Fever and cattle-disease are still reported.
	39 Balasore, „ 3 „	0.13 on 25th Feb.	Weather—windy and stormy, with variable temperature. <i>Rubbee</i> crops being gathered on the north. <i>Dalua</i> rice in flower in the south of the district. Rain on the 24th February in the north of the district. Cattle-disease almost everywhere. Cholera in places.
CHOTA NAGPORE.			
South-West Frontier Agency.			
	40 Huzaribagh, Mar. 3 '82	0.01	Weather—hot, but nights cool. <i>Rubbee</i> crops nearly ready to be reaped in some places. Prices of food-grains stationary. General health good.
	41 Lbhardugga, „ 4 „	Nil	Weather—variable. Ploughing progressing. Cattle-disease prevalent in parts of Palamow. Prices steady.
	42 Singbnoom, „ 3 „	0.18	Weather—hot, with westerly wind. Cold-weather pulses are being gathered. Cholera in Chyebassa has ceased, the last case being on 26th February. There was no death from the disease. Cattle-disease has disappeared. General health good.
	43 Manbnoom, „ 4 „	Nil	Weather—getting warmer. Crops are good, but there is not much on the ground at present. Ploughing has begun on the high lands. Cholera reported from Burrahnoom and Govindpore; measles from Purulia; small-pox from Gourangdi; and cattle-disease from Purulia, Chas, Jhalda, and Govindpore stations.

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